Faculty Development Programme on Internet of Things: Education Canvas

(09th November to 20th November, 2019)

Sponsored by All India Council for Technical Education, New Delhi



Course Coordinator Prof. (Dr.) Anil Chaudhary Professor & Head, Department of Information Technology



Organized by Department of Information Technology (NBA Accredited) Swami Keshvanand Institute of Technology, Management &Gramothan, Jaipur, Rajasthan India – 302017

INDEX

Table of Contents

1. Abo	out SKIT :	. 4
Ou	r Inspiration	. 4
Visi	ion	. 4
Mis	ssion	. 4
Qua	ality Policy	. 5
2. Intr	roduction to FDP:	. 5
3. Pro	gramme Objectives	. 5
4. Cou	ırse content:	. 5
5. Spe	eaker of FDP:	. 6
6. Elig	gibility for FDP:	. 6
7. Dui	ration and Venue:	. 6
8. Cri	teria for Certification:	. 6
9. Cot	ırse Fee:	. 6
10. Ho	ow to Apply:	. 7
11. Ad	Idress for Communication:	. 7
12. Br	ochure by SKIT:	. 8
13. Li	st of Registered Participants:	10
14.	Invitation letter	16
15.	FDP Schedule	17
DA	Y 1 (Inaugural Function and Motivational Talks)	23
DA	Y 2	24
DA	Y 3	24
DA	Y 4	25
DA	Y 5	26
DA	Y 6	28
DA	Y 7	29
DA	Y 8	30
DA	Y 9	32
DA	Y 10	33
16.	Attendance Sheet of Participants:	34
17.	Attendance Sheet of ONLINE EXAM :	54

18.	Result of FDP online test	56
18. Ne	ws/Media:	59
19. Gl	impses of FDP:	61
20. Fe	edback of Participants:	62

1. About SKIT :-

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) inspired from the learnings of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today the Institute is recognized as one of the centers of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Postgraduate and Graduate Courses in Engineering and Management. Our sister institution Swami Keshvanand Institute of Pharmacy (SKIP) is affiliated to Rajasthan University of Health Sciences for offering Graduate Course in Pharmacy.

Located in the Pink City Jaipur, which is a blend of traditional history and modern outlook, SKIT is putting in efforts for making industry ready engineers and managers through effective Industry –Institute Interface. Apart from University curriculum SKIT also pursues activities for research and development in various fields.

The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic.

Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial interaction and student led activities which help the students to develop good communication skills, integrated personality and greater competitive spirit.

Our Inspiration

"Mass illiteracy is the root cause behind backwardness of India. If we want speedy progress of nation we need to root it out as early as possible."– Swami Keshvanand

Swami Keshvanand, an orphan, illiterate, nomadic man who never received formal education, was the founder of more than 300 schools, 50 hostels and innumerable libraries, social service centers and museums.Swami Keshvanand had a deep understanding of the rural society of the desert region. He had explained the peculiarities of the desert region, identified the problems and suggested appropriate and logical solutions. It was Swami Keshvanand's lifelong endeavour to eradicate social evils like untouchability, illiteracy, child marriage, indebtedness, poverty, backwardness, alcohol abuse, moral dissipation etc.

Vision

To promote higher learning in advanced technology and industrial research to make our country a global player

Mission

To promote quality education, training and research in the field of Engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

Quality Policy

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous selfevaluation and striving to improve ourselves.

Institute would pursue quality in

• All its endeavours like admissions, teaching- learning processes, examinations, extra and co-curricular activities, industry institution interaction, research & development, continuing education, and consultancy.

• Functional areas like teaching departments, Training & Placement Cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services."

2. Introduction to FDP:-

This Programme is designed to provide the state of the art trends and advancements in Internet of Things in Educational Canvas. The Programme will focus on theoretical aspects as well as on providing hands on experience to the participants, who enable themselves to promote industry and institute collaborations by working on the industrial projects and able to solve the current research problems. The participants will be introduced to fundamentals of Internet of Things and develop the understanding of how to use embedded & wireless hardware and programming skills to realize an IoT application. The participant will be trained with hands-on approach in order to have an in-depth insight into the domain of IoT and expose them to future of Internet of Things in Educational Canvas.

3. Programme Objectives

To Provide Exposure to IoT Tools and Techniques to Enhance the Teaching and Research Skills:

- 1. To form a bridge between the industry and academic institutions to update their knowledge.
- 2. To understand the need of IoT in the research community and the software industry in India.
- 3. To appreciate the differences among Big Data, Cloud Computing and IoT.
- 4. To understand the need of innovative applications, such as Smart City, Smart Health, Smart Manufacturing, Smart Agriculture, etc.
- 5. To train the participants on how to design and program the IoT based system.

4. Course content:-

- 1. Introduction to IoT, Current products, IoT for Open source electronics, IoT Languages and its Tools.
- 2. Communication Protocols, Interconnections, System. Design and Development, Latest Sensors and Actuators.
- 3. Introduction to Embedded Systems.
- 4. Real Time Operating Systems.
- 5. Raspberry Pi Architecture.
- 6. FPGA &SoC Based Embedded Systems Designs
- 7. IoT Cloud, Image Processing Applications in IoT.
- 8. Data Management and Big Data Analytics in IoT.
- 9. Research Issues and Case Studies in IoT. Hands-on training sessions will be provided with demos on real-time applications.
- 10. Socket Programming, MQTT Protocol.
- 11. E-mail Controlled Home Automation.
- 12. Node Red over IBM Bluemix.

13. Hardware and Software Co-Design.

5. Speaker of FDP:-

- Dr. Mani Madhukar, Program Manager University Relations, IBM India Pvt. Ltd.
- Mr. IshanVaid, Subject Matter Expert, IBM India Pvt. Ltd.
- Mr. PeeyushMaharshi, Principal Consultant from Infosys.
- Mr. Kartavya Jain, CEO, Jainson Corp, Jaipur.
- Dr. Basant Agarwal, Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Kota.
- Dr. Poonam Gera, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur.
- Mr. Devesh Kumar Mathur, Cyber Security Practice, Tata Consultancy Services.
- Mr. SombabuGunithi, Technical Manager, Einfochips, India.
- Dr. Pramod Gaur, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur.
- Dr. Anil Chaudhary, Professor, Department of Information Technology, SKIT, Jaipur.
- Mr. Ankit Kumar, Assistant Professor, Department of Computer Science & Engineering, SKIT, Jaipur.

6. Eligibility for FDP:-

Faculty members working in AICTE approved Institutions / Colleges are eligible for the programme.

7. Duration and Venue:-

The FDP will be conducted on 09th November to 20thNovember, 2019 at IAI Lab, SKIT. This FDP will be conducted through an expert lecturer and hands-on sessions using IoT lab.

8. Criteria for Certification:-

A certificate to the participants will be issued on successful completion of the Faculty Development Programme

9. Course Fee:-

Registration fee will be Rs. 3000/- (Refundable, after Successful completion of FDP). The Registration fee can be paid through online transfer or DD in favor of ("SKIT, Jaipur") payable at Jaipur .

Bank Name	:	Kotak Mahindra Bank	
Account Name	:	SKIT EMPLOYEES WELFARE SOCIETY	
Account Number	•	4711940396	
Account Type	:	SAVING ACCOUNT	
IFSC Code	:	KKBK0003538	

Electronic (Online) Fund Transfer Details

10. How to Apply:-

Application in the attached format should reach to the Programme Coordinator on or before 03rd November, 2019. For early confirmation, please mail the scanned copy of filled registration form to <u>fdpit@skit.ac.in</u>

11. Address for Communication:-

Department of Information Technology, Swami Keshvanand Institute of Technology, Management &Gramothan (SKIT), Ramnagaria, Jagatpura, Jaipur-302017

Email : fdpit@skit.ac.in Phone:+91-141-2752165, 5160400 Ext: 284 Website: www.skit.ac.in/fdpit2019

12. Brochure by SKIT:-

Endorsement from the Head of the Institution/Dept.

Prof./Dr	/ M	r./Ms					
Departm	ent.		, , , , , ,				
Institute							is
allowed	to	attend	the	FDP	on	"Intern	et of
Things:	E	ducatio	n	Canva	as"	during	09 th
Novemb	er	to 20 th	No	vembe	er, 2	019 at §	SKIT,
Jaipur.							

Signature

Head of the Institution/Dept.

Date:

(Seal)

Contact Details:

Course Coordinator

Prof. (Dr.) Anil Chaudhary (HOD-IT) Ph. No. 0141-5160400 (Ext: 286)

Course Secretary

Dr. Mukesh Kumar Gupta Professor, Mob: 9772545766

Dr. Pankaj Dadheech Associate Professor Mob: 9887708973 Mr. Ankit Kumar Assistant Professor Mob: 9057836398

E-Mail your Registration Form to:

FDP-2019 Department of Information Technology, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Ramnagaria, Jagatpura, Jaipur-302017 Email : fdpit@skit.ac.in Phone:+91-141-2752165, 5160400 Ext: 284 Website: www.skit.ac.in/fdpit2019



Department of Information Technology

The Department of Information Technology was established in 2000. The Department offers Undergraduate Programme in Information Technology. The Major Areas of Research in the Department are Data Analytics, Big Data Analytics, Cloud Computing and Virtualization, Security, Compilers and Programming languages, Computer Architecture, Bioinformatics and Theoretical Computer Science. The Department has Several Research Labs and Laboratories with state of the art Computing facilities. Constantly Modernization of facilities helps the Department to adapt itself to the rapidly changing Technological Scenario.

About SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) is a selective comprehensive institution offering undergraduate and postgraduate programmes in Engineering and Management. The institute was established in the year 2000 by a team of committed professionals and academicians. During all the past years SKIT has emerged as a Premier Centre of Technical Education not only in Rajasthan but also in northern India which has been realized through efficient and dedicated faculty members, innovative teaching-learning methods, state of art infrastructure and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).

About Jaipur

The world famous 'PINK CITY', the capital of the Rajasthan state founded in 1727 AD by Sawai Jai Singh II is one of the most popular tourist destinations. It has a rich culture heritage and many important historical places viz. Amber Fort, Jaigarh Fort, Nahargarh Fort, City Palace, Albert Hall Museum, Jantar-Mantar, Govind-Dev Ji Temple, and Birla Mandir. Jaipur is also famous for its handloom & handicraft, and proves a heaven for shopping and enjoyment, This fascinating city with its romantic charm takes you to an epoch of royalty and tradition. Faculty Development Programme on Internet of Things: Education Canvas

(09th November to 20th November, 2019)



Department of Information Technology (NBA Accredited) Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur – 302017

Course Coordinator

Prof. (Dr.) Anil Chaudhary Professor & Head, Department of Information Technology

Sponsored by



All India Council for Technical Education, New Delhi

About the Programme

This Programme is designed to provide the state of the art trends and advancements in Internet of Things in Educational Canvas. The Programme will focus on theoretical aspects as well as on providing hands on experience to the participants, who enable themselves to promote industry and institute collaborations by working on the industrial projects and able to solve the current research problems. The participants will be introduced to fundamentals of Internet of Things and develop the understanding of how to use embedded & wireless hardware and programming skills to realize an IoT application. The participant will be trained with hands-on approach in order to have an in-depth insight into the domain of IoT and expose them to future of Internet of Things in Educational Canvas.

Programme Objectives

To provide exposure to IoT Tools and Techniques to enhance the teaching and research skills:

- To form a bridge between the industry and academic institutions to update their knowledge.
- 2. To understand the need of IoT in the research community and the software industry in India.
- 3. To appreciate the differences among Big Data, Cloud Computing and IoT.
- To understand the need of innovative applications, such as Smart City, Smart Health, Smart Manufacturing, Smart Agriculture, etc.
- To train the participants on how to design and program the IoT based system.

The Topics to be Covered Include

- 1. Introduction to IoT, Current products, IoT for Open source electronics, IoT Languages and its Tools.
- 2. Communication Protocols, Interconnections, System. Design and Development, Latest Sensors and Actuators.
- 3. Introduction to Embedded Systems.
- 4. Real Time Operating Systems.
- 5. Raspberry Pi Architecture.
- 6. FPGA & SoC Based Embedded Systems Designs
- 7. IoT Cloud, Image Processing Applications in IoT.
- 8. Data Management and Big Data Analytics in IoT.
- 9. Research Issues and Case Studies in IoT. Hands-on training sessions will be provided with demos on real-time applications.
- 10. Socket Programming, MQTT Protocol.
- 11.E-mail Controlled Home Automation.
- 12.Node Red over IBM Bluemix.
- 13.Hardware and Software Co-Design.

Resource Persons

Resource Person (s) are experienced faculty Members from IIT Bombay, JNU Delhi, IIT Delhi, MNIT Jaipur, SKIT Jaipur, RTU Kota, and experts from IBM India, Infosys Ltd. and other R &D laboratories.

Eligibility

Faculty members working in AICTE approved Institutions / Colleges are eligible for the programme.

Transport, Boarding & Lodging

TA to out-station participants (Max. by AC 3-tier by shortest train route) on the production of a copy ticket(s) will be provided. The boarding and lodging facility will be provided to the participants who are from outside Jaipur.

Registration Fee

Registration fee will be Rs. 3000/- (Refundable, after Successful completion of FDP). The Registration fee can be paid through online transfer or DD in favor of ("SKIT, Jaipur") payable at Jaipur.

Electronic (Online) Fund Transfer Details

Bank Name	Kotak Mahindra Bank
Account Name	SKIT EMPLOYEES WELFARE SOCIETY
Account Number	4711940396
Account Type	SAVING ACCOUNT
IFSC Code	KKBK0003538

Selection

The number of Participants is limited to 50 and participants will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

How to Apply

Application in the attached format should reach to the Programme Coordinator on or before 03rd November, 2019. For early confirmation, please mail the scanned copy of filled registration form to <u>fdpit@skit.ac.in</u>.

Certificate

A certificate to the participants will be issued on successful completion of the Faculty Development Programme.

Key dates

Last Date for Receipt of Application: 03th November, 2019. Intimation of Selection: Within seven days of Application. Commencement of the Programme: 09th November, 2019.

FDP REGISTRATION FORM

Internet of Things: Education Canvas

(09th November to 20th November, 2019)

1.Name
2.Designation
3.Qualifications
3. Department
4. Organization
5. Mobile
6. E-mail
8 Payment Details:-
Amount:(Online/DD) Date:
DD/Transaction No:
Sender's Account Number
(For Online Transaction)
IFSC code
Signature of Applicant

13. List of Registered Participants:-Total number of registered participants: - 78 Total number of confirmed registration: - 78

S N	Name of Participant	Gender	Participant 's Mobile	Email ID	Name of College, City
1	Mr. Manish P. Bhelande	Male	9619157881	manish.bhelande@sakec.ac.in	Shah and Anchor Kutchhi Engineering College, Mumbai
2	Ms. Bhargavi B. Dalal	Female	9819501957	bhargavi.dalal@sakec.ac.in	Shah and Anchor Kutchhi Engineering College, Mumbai
3	Ms. Chhaya Narvekar	Female	8097181363	chhaya.n@xavierengg.com, narvekarchhaya@gmail.com	Xavier Institute of Engineering, Mahim, Mumbai
4	Dr. Vikas J. Dongre	Male	9370668979	dongrevj1@gmail.com	Government Polytechnic Washm, Maharashtra
5	Ms. Sushama Khanvilkar	Female	9930071534	sushama.k@xavierengg.com	Xavier Institute of Engineering, Mahim, Mumbai
6	Dr. Sukhwinder Sharma	Male	9914303090	sukhwinder.sharma@bbsbec.ac.in	B.B.S.B. Engineering College, Fatehgarh Sahib, Punjab
7	Prof. Ajit S. Patil	Male	9404990967	ajitspatil@gmail.com	KIT's College of Engineering, Kolhapur, Maharashtra
8	Mr. Tanaji Bhauso Patil	Male	9422811585	patiltanaji@gmail.com	KIT's College of Engineering, Kolhapur, Maharashtra
9	Mr. Vadali Srinivas	Male	9296956735, 9666161697	cnu.vadali@kietgroup.com, cnu.vadali@gmail.com	Kakinada Institute of Engineering & Technology, Corangi, Andhra Pradesh
10	Er. Deepak Aggarwal	Male	9855525215	deepak.aggarwal@bbsbec.ac.in	B.B.S.B. Engineering College, Fatehgarh Sahib, Punjab
11	Dr. Raj Kumar Goel	Male	7011788700	raj9921@yahoo.com	Noida Institute of Engineering Technology, Greater Noida, UP

-					
12	Dr. Rajesh Reddy Eswarawaka	Male	9553202023	rajesheminent@gmail.com	Sreyas Institute of Engineering & Technology, Hyderabad, Telangana
13	Mr. Vijayk umar Selvam	Male	9894209455	indianid@gmail.com	Bharathidasan University, Tiruchirappalli, Tamil Nadu
14	Mr. Narendra sinh B. Gohil	Male	9974617967	nbgohil1@gmail.com	Shantilal Shah Engineering College, Bhavnagar, Gujarat
15	Mr. K. Venkataguruatha Naidu	Male	9030264588	venkatspmvv@gmail.com	Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh
16	Dr. S. Rajasoundaran	Male	9025678818	rajasoundaransraja@gmail.com	P.S.R. Engineering College, Sivakasi, Tamil Nadu
17	Mr. P. Raghavan	Male	9994524770	raghavan@psr.edu.in	P.S.R. Engineering College, Sivakasi, Tamil Nadu
18	Dr. Pooja Sapra	Female	9582888389	dr.poojasapra@gmail.com	World College of Technology and Management Gurugram
19	Dr. Manju Khari	Female	9899296110	manjukhari@aiactr.ac.in	Ambedkar Institute of Advanced Communication Technologies & Research, Delhi
20	Mr. Kshatriya Krishna kumar V.	Male	9725933996	hod.electrical@amirajcollege.in	Amiraj College of Engineering and Technology, Ahmedabad, Gujarat
21	Mr. K. Vijaya Kumar	Male	8012897091	kvijayakumar@pec.edu	Karaikal Polytechnic College, Karaikal, Puducherry
22	Dr. Garima Srivastava	Female	8800916945, 7982655724	garima.shrivastav@gmail.com	Ambedkar Institute of Advanced Communication Technologies & Research, Delhi

1	ſ	r	1		
23	Mrs. G. Mangaiyarkarasi	Female	9952286644	mangaimca2006@gmail.com	K.S.Rangasamy College (Autonomous), Tiruchengode, TamilNadu
24	Dr. Avinash Sharma	Male	8529286980	asharma@mmumullana.org	Maharishi Markandeshwar Engineering College, Ambala, Haryana
25	Mr. Krishan Kumar Prajapat	Male	9414292624	kkprajapat@gmail.com	Government Polytechnic College, Sikar
26	Mr. Kalu Ram Yadav	Male	9414624536	kr_yadav1@rediffmail.com	Government Polytechnic College, Kota
27	Dr. Dinesh Goyal	Male	9887678379	dinesh8dg@gmail.com	Poornima Institute of Engineering & Technology, Jaipur
28	Dr. Ajay Khunteta	Male	9828596101	ajay_khunteta@rediffmail.com	Poornima College of Engineering, Jaipur
29	Dr. Linesh Raja	Male	9460439419	lineshraja@gmail.com	Manipal University Jaipur, Rajasthan
30	Dr. Vijander Singh	Male	9414459235	vijan2005@gmail.com	Manipal University Jaipur, Rajasthan
31	Dr. Mukesh Arora	Male	9829630099	mukesharora@skit.ac.in	SKIT, Jaipur
32	Dr. C. M. Choudhary	Male	9414305959	choudharychothmal@gmail.com	SKIT,Jaipur
33	Mr. Mahender Kumar Beniwal	Male	8739990083	mbeniwal@gmail.com	SKIT,Jaipur
34	Mr. Sunil Dhankhar	Male	8739990083	s2mdhankhar@gmail.com	SKIT,Jaipur
35	Ms. Anjana Sangwan	Female	9413939111	sangwan.anjana@gmail.com	SKIT,Jaipur
36	Mrs. Priyanka	Female	7014475008	trikhapriyanka@gmail.com	SKIT,Jaipur

37	Dr. Pankaj Dadheech	Male	9887708973	pankaj@skit.ac.in	SKIT,Jaipur
38	Dr. S. R. Dogiwal	Male	9829239060	dogiwal@gmail.com	SKIT,Jaipur
39	Mr. Ankit Kumar	Male	9057836398	iiita.ankit@gmail.com	SKIT,Jaipur
40	Mr. Kailash Soni	Male	9460066186	kailash100ni.er@gmail.com	SKIT,Jaipur
41	Mr. Naveen Jain	Male	9928795887	naveen@skit.ac.in	SKIT,Jaipur
42	Mr. Vipin Jain	Male	7665028925	vipin@skit.ac.in	SKIT,Jaipur
43	Ms. Neha Mathur	Female	9460553722	nmdoll@gmail.com	SKIT,Jaipur
44	Mr. Harpreet Singh Gill	Male	9462694625	harpreet@skit.ac.in	SKIT,Jaipur
45	Ms. Rubal Deep Gill	Female	9887441103	rubal@skit.ac.in	SKIT,Jaipur
46	Ms. Anjali Pandey	Female	9414330982	njl27pandey@gmail.com	SKIT,Jaipur
47	Ms. Dolly Mittal	Female	9829408543	dolly5987@gmail.com	SKIT,Jaipur
48	Ms. Nikhar Bhatnagar	Female	8875027276	nikharbhatnagar@gmail.com	SKIT,Jaipur
49	Ms. Palika Jajoo	Female	9414499507	palikajajoo@gmail.com	SKIT,Jaipur
50	Ms. Priyanka Sharma	Female	8890606912	priyanka08291@gmail.com	SKIT,Jaipur
51	Ms. Shalini Singhal	Female	8952979529	singhalshalini570@gmail.com	SKIT,Jaipur
52	Dr. Sunita Gupta	Female	9828510686	drsunitagupta2016@gmail.com	SKIT,Jaipur
53	Ms. Nidhi Srivastava	Female	9079925707	nidhi03.srivastav@gmail.com	SKIT,Jaipur
54	Ms. Anshika Malsaria	Female	9828128665	anshika1987@gmail.com	SKIT,Jaipur

55	Mr. Neeraj Garg	Male	7665523458	ng23neeraj.garg@gmail.com	SKIT,Jaipur
56	Mr. Kanak Giri	Male	9413402383	kanakgiri88@gmail.com	SKIT,Jaipur
57	Mr. Yogendra Gupta	Male	9468739571	yogen.571@gmail.com	SKIT,Jaipur
58	Mr. Sushant Kumar	Male	7229935038	skybvi@gmail.com	SKIT,Jaipur
59	Ms. Richa Rawal	Female	9413080805	richarawal23@gmail.com	SKIT,Jaipur
60	Ms. Sanju Choudhary	Female	9983918945	binda.sanju@gmail.com	SKIT,Jaipur
61	Ms. Poonam Varshney	Female	9413238729	varshney.poonam@gmail.com	SKIT,Jaipur
62	Dr. Niketa Sharma	Female	7014128907	niketa.eca@gmail.com	SKIT,Jaipur
63	Ms. Ruchika Khandelwal	Female	9828124477	ruchikakhandelwal77@gmail.com	SKIT,Jaipur
64	Ms. Kajal Mathur	Female	9461400822	kaju.mathur@gmail.com	SKIT,Jaipur
65	Dr. Neha Janu	Female	9414438907	neha123jaipur@gmail.com	SKIT,Jaipur
66	Ms. Sushila Bishnoi	Female	9214419555	bishnoisush@gmail.com	SKIT,Jaipur
67	Mr. Ajay Kumar Dhanopia	Male	9928909235	ajaydhanopia123@gmail.com	SKIT,Jaipur
68	Ms. Poonam Rajharia	Female	6378709334	poonam.rajharia@vgu.ac.in	Vivekananda Global University, Jaipur
69	Ms. Pooja Choudhary	Female	8875140140	poojachoudhary87@gmail.com	SKIT,Jaipur
70	Mr. Sandeep Bhargava	Male	8118864109	eng.san.83.sandy@gmail.com	Poornima College of Engineering, Jaipur
71	Ms. Manju Choudhary	Female	9694724109	manjuchoudhary_mec@yahoo.co.in	SKIT,Jaipur
72	Mr. Ankit Agrawal	Male	7877556914	ankitsagarwal@gmail.com	SKIT,Jaipur

				_	
73	Dr. Praveen Kumar Jain	Male	9928652224	praveenjain.spsl@gmail.com	SKIT,Jaipur
74	Ms. PoojaJain	Female	9785050506	poojajain624@gmail.com	SKIT,Jaipur
75	Ms. Kavita Jain	Female	9461011668	kjkavitajain.21@gmail.com	SKIT,Jaipur
76	Ms. Vijeta Khicha	Female	9509309701	vijetakhicha@skit.ac.in	SKIT,Jaipur
77	Mr. Mehu lMahrishi	Male	7597924279	mehul.aqua@gmail.com	SKIT,Jaipur
78	Mr. Gajanand Sharma	Male	9887566000	gajanan.sharma@gmail.com	JECRC University, Jaipur

14. Invitation letter



15. FDP Schedule



A Two Week AICTE Sponsored Faculty Development Programme Internet of Things: Education Canvas 09th - 20th November, 2019

Venue: Swami Keshvanand Institute of Technology, Management & Gramothan,

Jaipur

Date	From	То	Duration	Area	Session Mode	FDP Topics	Venue	Resource Person
	8:00 AM	8:30 AM	0:30		Regi	stration and Campus Visit	t (All Parti	cipants)
ov, Saturday)	8:30 AM	9:30 AM	1:00	Inaugura	al Function a	nd Motivatinal Talks	IAI Lab	Prof. (Dr.) R. A. Gupta (Vice Chancellor-RTU Kota) Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team Sh. Surja Ram Meel, Chairmain (SKIT) Sh. Jaipal Meel , Director (SKIT) Prof. S. L. Surana, Director (Academics), SKIT Prof. Anil Chaudhary (HOD-IT)
	9:30 AM	10:00 AM	0:30			High Tea & Group Phot	to Sessio	n
Day 1 (09 Nov, \$	10:00 AM	12:30 PM	2:30	Cloud is Needed for IoT	Cloud is Needed for IoT Lecture Lecture for IoT			Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team
	12:30 PM	1:30 PM	1:00			Lunch		
	1:30 PM	3:30 PM	2:00	loT Platform	Lecture + Demo	IBM Watson IoT platform, Demo, Understanding Blockchain for enterprise, Blockchain and IoT,	IAI Lab	Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team
	3:30 PM	3:45 PM	0:15			High Tea		
	3:45 PM	5:15 PM	1:30	loT business and Opportunities	Hands on session	Deep dive into Hyperledger Fabric, Hyperledger Composer, use case discussion, loT business and opportunities	IAI Lab	Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team

				F	Ruilding IoT	application			
Date	From	То	Duration	Area	Session Mode	FDP Topics	Venue	Resource Person	
	9:00 AM	11:00 AM	2:00	Node-Red	Lecture + Hands-on	Understanding Node- Red, Demo	IAI Lab	Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team	
	11:00 AM	11:30 AM	0:30			Tea Break			
Monday)	11:30 AM	12:30 PM	1:00	IBM Cloud and IoT	Lecture + Hands-on	Practical exercises with IBM Cloud and IoT	IAI Lab	Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team	
Nov,	12:30 PM	1:30 PM	1:00		Lunch				
Day 2 (11	1:30 PM	2:30 PM	1:00	IBM Cloud and IoT	Lecture + Hands-on	Practical exercises with IBM Cloud and IoT	IAI Lab	Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team	
	2:30 PM	2:45 PM	0:15			Tea Break			
	2:45 PM	3:45 PM	1:00	IBM Cloud and IoT	Lecture + Hands-on	Practical exercises with IBM Cloud and IoT	IAI Lab	Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team	

				Raspberr	y Pi and its A	Applications		
Date	From	То	Duration	Area	Session Mode	FDP Topics	Venue	Resource Person
	9:00 AM	11:00 AM	2:00	Requirement for IoT	Lecture + Hands- on	Hardware requirement for IoT, Raspberry Pi Board and its Applications	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India
کر ا	11:00 AM	11:30 AM	0:30					
v, Tuesday	11:30 AM	12:30 PM	1:00	Raspberry Pi	Lecture + Hands- on	Installation of OS in Raspberry Pi, Configuration of raspberry pi	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India
12 No	12:30 PM	1:30 PM	1:00					
Day 3 (1	1:30 PM	3:30 PM	2:00	Sensors	Lecture + Hands- on	Different type of sensors and their use cases	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India
	3:30 PM	3:45 PM	0:15					
	3:45 PM	4:45 PM	1:00	Case Studies	Lecture + Hands- on	Discussion on Sensors application and usages	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India

				Data P	rocessing Usin	g IoT				
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person		
sday)	9:00 AM	11:00 AM	2:00	Data Processing Using IoT	Lecture + Hands-on	Data Processing Using loT ,Connecting different sensors, Visual recognition service, Security of IoT	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India		
anbe	11:00 AM	11:30 AM	0:30			Tea Break	(
Nov, We	11:30 AM	12:30 PM	1:00	Raspberry Pi	Lecture Hands-on	+ Home Automation Project based on Raspberry Pi	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India		
(13	12:30 PM	1:30 PM	1:00			Lunch	•			
Day4	1:30 PM	3:30 PM	2:00	Using services on IBM Cloud	Lecture Hands-on	+ Using services on IBM Cloud, Visual recognition service	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India		
	3:30 PM	3:45 PM	0:15	Tea Break						
	3:45 PM	4:45 PM	1:00	Security of IoT	Lecture + Hands-on	Discussion on Security of IoT	IAI Lab	Mr. Ishan Vaid, Subject Matter Expert, IBM India		
				IOT and	d Cloud Com	puting				
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person		
	9:00 AM	11:00 AM	2:00	loT and Cloud Computing	Lecture + Hands-on	Introduction to IoT and Cloud Computing	IAI Lab	Mr. Peeyush Maharshi, Principal Consultant from Infosys & Infosys Team		
	11:00 AM	11:30 AM	0:30	Tea Break						
rsday)	11:30 AM	12:30 PM	1:00	Internet Things	of Lecture + Hands-on	ExpressJS in Raspberry Pi , Heroku	IAI Lab	Mr. Kartavya Jain, CEO Jainson Corp, Jaipur & Jainson Corp Team		
Thu	12:30 PM	1:30 PM	1:00			Lunch		_		
Day 5 (14 Nov,	1:30 PM	3:30 PM	2:00	Cloud & IoT	Lecture Hands-on	+ SaaS PaaS a IaaS, A Quickstart	and IAI Lab WS	Dr. Basant Agarwal, Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Kota		
	3:30 PM	3:45 PM	0:15		•	Tea Break				
	3:45 PM	4:45 PM	1:00	Internet Things	of Lecture Hands-on	+ IoT Basics (Ha On Sessio Docker	nds IAI Lab n):-	Dr. Basant Agarwal, Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Kota		

				IOT and	d Virtualizati	on		
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person
	9:00 AM	11:00 AM	2:00	loT: Virtualization	Lecture + Hands-on	IoT: Virtualization, IoT use case discussion	IAI Lab	Dr. Poonam Gera, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur
	11:00 AM	11:30 AM	0:30			Tea Break		
.Friday)	11:30 AM	12:30 PM	1:00	AWS	Lecture + Hands-on	Setting up Free tier AWS, AWS CLI, Policys, Security Credentials, and Testing	IAI Lab	Mr. Kartavya Jain, Jainson Corp, Jaipur
Jov, F	12:30 PM	1:30 PM	1:00	Lunch				
Day 6 (15, 1	1:30 PM	3:30 PM	2:00	AWS, IoT	Lecture + Hands-on	AWS Free Tier and Configuring the AWS CLI, AWS IoT Actions and Core related services	IAI Lab	Dr. Basant Agarwal, Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Kota
_	3:30 PM	3:45 PM	0:15			Tea Break		
	3:45 PM	4:45 PM	1:00	loT Policy and Roles	Lecture + Hands-on	Introducing IAM for IoT Policy and Roles, Creating Security Credentials and composing an IoT policy from AWS IoT Core	IAI Lab	Dr. Basant Agarwal, Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Kota

				ΙΟΊ	and Arduing)		
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person
ov, Saturday)	9:00 AM	11:00 AM	2:00	Arduino IDE	Lecture + Hands-on	Using the Arduino IDE with Node Red to AWS IoT Core	IAI Lab	Mr. Devesh Kumar Mathur, Cyber Security Practice, Tata Consultancy Services & TCS Team
, No	11:00 AM	11:30 AM	0:30			Tea Break		
Day 7 (16	11:30 AM	12:30 PM	1:00	loT Edge Modules	Lecture	Device Provisioning Service, IoT Edge Modules	IAI Lab	Mr. Devesh Kumar Mathur, Cyber Security Practice, Tata Consultancy Services & TCS Team

12:30 PM	1:30 PM	1:00			Lunch		
1:30 PM	3:30 PM	2:00	Node-Red with Arduino and AWS IoT	Lecture + Hands-on	Intro to using Node- Red with Arduino and AWS loT	IAI Lab	Mr. Devesh Kumar Mathur, Cyber Security Practice, Tata Consultancy Services & TCS Team
3:30 PM	3:45 PM	0:15			Tea Break		
3:45 PM	4:45 PM	1:00	Node MCU	Lecture	Introduction to Node MCU	IAI Lab	Mr. Ankit Kumar, Assistant Professor, Department of Computer Science & Engineering, SKIT, Jaipur

	Programming with Raspberry Pi3								
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person	
	9:00 AM	11:00 AM	2:00	Internet of Things	Lecture + Hands-on	loT: Yesterday, Today and Tomorrow	IAI Lab	Mr. Sombabu Gunithi, Technical Manager, Einfochips, India & Einfochips Team	
	11:00 AM	11:30 AM	0:30	Tea Break					
ν, Monday)	11:30 AM	12:30 PM	1:00	loT Challenges	Lecture + Hands-on	IoT Challenges	IAI Lab	Mr. Sombabu Gunithi, Technical Manager, Einfochips, India & Einfochips Team	
Nov,	12:30 PM	1:30 PM	1:00	Lunch					
Day 8 (18	1:30 PM	3:30 PM	2:00	MQTT Essentials	Lecture + Hands-on	MQTT Essentials: Workshop on IoT protocol	IAI Lab	Mr. Sombabu Gunithi, Technical Manager, Einfochips, India & Einfochips Team	
	3:30 PM	3:45 PM	0:15			Tea Break			
	3:45 PM	4:45 PM	1:00	MQTT, IoT	Lecture + Hands-on	Live demonstration: MQTT	IAI Lab	Mr. Sombabu Gunithi, Technical Manager, Einfochips, India & Einfochips Team	

				Securely Designin	ng IoT Things	and Systems		
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person
Vov, Tuesday)	9:00 AM	11:00 AM	2:00	Efficient IoT Reference Architectures	Efficient IoT Reference Architectures Efficient IoT Hands-on Efficient IoT Hands-on Architectures, Azure IoT Reference Architecture		IAI Lab	Mr. Sombabu Gunithi, Reserach Scientist at Stennis – Core, Einfochips, India & Einfochips Team
ž	11:00 AM	11:30 AM	0:30			Tea Break		
Day 9 (19	11:30 AM	12:30 PM	1:00	AWS IoT Reference Architecture	Lecture + Hands-on	AWS IoT Reference Architecture, IBM IoT Reference Architecture, Open Source IoT Reference Architecture	IAI Lab	Mr. Sombabu Gunithi, Reserach Scientist at Stennis – Core, Einfochips, India & Einfochips Team

 -							
12:30 PM	1:30 PM	1:00			Lunch		
1:30 PM	3:30 PM	2:00 Azure IoT Lecture + Hands-on demonstra device to A		Workshop on Azure IoT PaaS components, includes live demonstration of connecting simulated device to Azure IoT	IAI Lab	Mr. Sombabu Gunithi, Reserach Scientist at Stennis – Core, Einfochips, India & Einfochips Team	
3:30 PM	3:45 PM	0:15			Tea Break		
3:45 PM	4:45 PM	1:00	IoT Security	Lecture + Hands-on	IoT Security: Implement a strong, simple and massively scalable solution	IAI Lab	Dr. Pankaj Dadheech, Associate Professor, Department of Computer Science & Engineering, SKIT, Jaipur

	Implementing Cryptography Within the IoT								
Date	From	То	Duration	Area	Sesson Mode	FDP Topics	Venue	Resource Person	
	9:00 AM	10:00 AM	2:00	IoT Security	Lecture	Implementing Cryptography Within the IoT	IAI Lab	Dr. Pramod Gaur, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur	
10 (20, Nov, Wednesday	10:00 AM	11:00 AM	1:00	IoT Security	Demo	Fundamentals of Cryptography Cryptographic Modules Cryptographic Key Management	IAI Lab	Dr. Pramod Gaur, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur	
Day	11:00 AM	11:30 AM	0:30			Tea Break			
Da	11:30 AM	12:30 PM	1:00	Blockchain for the IoT	Hands-on	Case Study: New Approaches – Blockchain for the IoT	IAI Lab	Dr. Anil Chaudhary, Professor, Department of Information Technology, SKIT, Jaipur	
	12:30 PM	1:30 PM	1:00	Lunch					
1:30 PM 3:30 PM 2:00 Valedictory Session							n		

16. Sessions of FDP:-

That FDP scheduled in following two sessions every day from 09th November to 20th November, 2019:-

DAY 1 (Inaugural Function and Motivational Talks)

In welcome speech was addressing by Prof. (Dr.) R. A. Gupta (Vice Chancellor-RTU Kota) shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development programmes would enhance their skills of teaching concepts practically. Sir further shared that it helps to improve the performance of faculty in teaching and highlighted the importance and objectives of organizing faculty development programmes. He briefed the participants about the subjects chosen for the FDP and highlighted the reasons and importance of the same.



The very first day our expert "**Dr. Mani Madhukar**", Program Manager - University Relations, IBM India Pvt. Ltd. & IBM Team explained what research was all about. He connected things starting from the rig Vedas to the modern philosophy of doing research. He described how the process of metamorphosis takes place when it comes to finding answer to a question. The second issue which he emphasized on was the collection of data. According to him the two sources of data collection are the primary and the secondary sources and one has to choose among the two in accordance to the question which has been framed. He emphasized on the framing of the research question and held it to be the fundamental and initial step to do research. One should focus on the suitability of the research question and its applicability to which type of people even the geographic areas and mentality of the people. He made the session interactive and based on various examples for better understanding of the academicians. Last but not the least when the house was open for questions the academicians were keen to ask and with the same level of enthusiasm they were justifiably answered by professor.

A session by **Dr. Mani Madhukar**, has explain about the Understanding of Node-Red, Demonstrated practical exercises with IBM Cloud and IoT Hardware requirement for IoT, Raspberry Pi Board and its Applications.He show how we can use the cloud for IoT and analysis the data.



DAY 3

Mr. IshanVaid, Subject Matter Expert, IBM India discussed the introduction of Internet of Things. It includes Arduino IDE installation, basic programming constructs for Arduino and various communication protocols used. He defined Arduino programs can be divided in three main parts: Structure, Values (variables and constants), and Functions. He teaches about the Arduino software program, step by step, and how we can write the program without any syntax or compilation error. He also explained introductory module for using hardware component and how to connect the components into the chip and how you can run simple programs inside the chip. We start out with connecting the chip to the computer and testing that it actually works. Then we continue with plugging simple components, like LED bulb and a button, into the chip.



The next day session was continued by **Mr. IshanVaid** talked about IoT Lab Kits which can be used to do various experiments like RF experiments, Embedded Programming, experiments on interfacing with UbiSense, WSN applications, IOT applications. An introduction to Raspberry Pi computer components was given. Raspberry connectivity was demonstrated with remote devices Raspberry Pi is a credit card sized micro processor available in different models with different processing speed starting from 700 MHz he told us that whether you have a model B or model B+, or the very old version, the installation process remains the same. He shows us the official Raspberry Pi website, might have seen them recommending the "NOOBS" or "NOOBS LITE" Operating System (aka "OS") for beginners. But using the Pi is very easy and from being a beginner, one will turn pro in no time. So, it's better to go with the more powerful and more efficient OS, the Raspbian. He discussed about the main reason why Raspbian is extremely popular is that it has thousands of pre built libraries to perform many tasks and optimize the OS. This forms a huge advantage while building applications.



A day started with session of **Mr. Peeyush Maharshi**, Principal Consultant from Infosys & Infosys Team describing Internet of Things (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. Breaking it down, he explained internet of things meaning can be as simple as a person with a heart monitor implant or an automobile that has built-in sensors which alert the driver of imminent danger. In continuation he give example like any object which is man-made or natural that can be designated an IP address and provided with the ability to transfer data over a network comes under the umbrella of IoT. IoT has evolved with the greater generation of data. Internet of Things Cloud Service creates excessive communication between inexpensive sensors in the IoT which means even greater connectivity; billions of connected devices and machines will soon join humanusers. He also explain about the IoT and cloud computing for Future Internet The question however remains how will the devices remain interconnected throughout? He explained the answer lies in the connectivity provided by the internet of things cloud service. Greater usage of the IoT in cloud has acted as a catalyst for the development and deployment of scalable Internet of Things applications and business models. The cloud computing and IoT have become two very closely affiliated future internet technologies with one providing the other a platform for success. Leads to numerous benefits which the convergence of IoT and Cloud computing has derived was discussed in this session.



The entire world is going bonkers over data, IoT and Artificial Intelligence. **Dr. Basant Agarwal** talked about the amount of data we generate every single day and numerous statistics have shown how much data we would generate by the year 2025 and discuss how algorithms or concepts from other technologies would be applied to IoT data for optimizations. He gave example how Machine Learning became a household term when Facebook shut down it's Artificial Intelligence wing when one of its bots discovered a whole new language. With Elon Musk commenting on If you use Siri, for instance, you would notice that its responses are more polished and appropriate as you keep using it. That is one of the basic applications of Machine Learning. But when it comes to a complex concept like IoT, how would Machine Learning make things better for the Internet of Things? He explained every time the IoT sensors gather data, there has to be someone at the backend to classify the data, process them and ensure information is sent out back to the device for decision making.



- In this session resource person **Dr. Poonam Gera**, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur throw light on IoT security challenges continue to grow, so too does the need for technologies and processes to address the problems .She listed eight key technology considerations to improve IoT security:
- 1. *Network security:* IoT networks are predominately wireless now, as wireless overtook wired global internet traffic back in 2015. This makes security far more challenging than with traditional wired networks due to the variety of emerging RF and wireless communication protocols and standards.
- 2. *Authentication:* IoT devices must be authenticated by all legitimate users. Methods to achieve such authentication range from static passwords to two-factor authentication, biometrics, and digital certificates. Unique to IoT is that devices (e.g., embedded sensors) will need to authenticate other devices.
- 3. *Encryption:* Encryption will be needed to prevent unauthorized access to data and devices. This will be difficult to ensure due to the variety of IoT devices and hardware profiles. Encryption must be part of a complete security management process.
- 4. *Security-side-channel attacks:* Even with adequate encryption and authentication, another threat is possible, namely, side-channel attacks. Such attacks focus less on information transfer and more on how that information is being presented. Side-channel attacks (SCAs) collect operational characteristics—execution time, power consumers, electromagnetic emanation of the design to retrieve keys, and fault insertion—to gain other insights into the design (*Fig. 2*).
- 5. *Security analytics and threat prediction:* Not only must security-related data be monitored and controlled, it must also be used to predict future threats. It has to complement traditional approaches that look for activities that fall outside of an established policy. Prediction will require new algorithms and the application of artificial intelligence to access non-traditional attack strategies.
- 6. *Interface protection:* Most hardware and software designers access devices via an application programming interface (API). Securing these interfaces requires the ability to authenticate and authorize devices that need to exchange data (hopefully encrypted). Only authorized devices, developers, and applications should be capable of communication between secure devices.
- 7. *Delivery mechanisms:* Continuous updates and patches will be needed to deal with the constantly changing tactics of cyberattackers. This will require expertise in patches, essentially fixing gaps in critical software on the fly.

8. *System development:* IoT security requires an end-to-end approach in the network design. Also, security should be a full product-lifecycle development activity, which becomes difficult if the product is only a smart sensor. Security is still an afterthought for most designers, something that follows the implementation (not design) phase. It's critical that both hardware and software be considered in these secure systems.



DAY 7

Mr. Devesh Kumar Mathur, Cyber Security Practice, Tata Consultancy Services & TCS Team share knowledge on IoT security is the act of securing Internet of Things devices and the networks they're connected to. He also talked about business setting, IoT devices include industrial machines, smart energy grids, building automation, plus whatever personal IoT devices employees bring to work. IoT devices were not built with security in mind. He defined there is no way to install security on the device itself. In addition, he stated that sometimes ship with malware on them, which then infects the network they are connected to. Some network security doesn't have the ability to detect IoT devices connected to it and/or the visibility to know what devices are communicating through the network. IoT security can only be accomplished with an integrated solution that delivers visibility, segmentation, and protection throughout the entire network infrastructure, such as a holistic security fabric approach. He also give solution that will be ability to learn with complete network visibility, security solutions can authenticate and classify IoT devices to build a risk profile and assign them to IoT device groups. He stated

once the enterprise understands its IoT attack surface, IoT devices can be segmented into policy-driven groups based on their risk profiles. At last he stated policy-driven IoT groups and internal network segmentation enable monitoring, inspection, and policy enforcement based on the activity at various points within the infrastructure.



DAY 8

Mr. Sombabu Gunithi, Technical Manager, Einfochips, India & Einfochips Team show a recent report by Gartner predicts that there will be 20.4 billion connected Internet of Things (IoT) devices by 2020, with 5.5 million new things getting connected every day. Furthermore, more than half of major new business processes and systems will include an IoT component by 2020. These numbers are staggering and suggest that standard PC security and anti-virus solutions will not be able to counter future cyber security threats on connected IoT devices. He defined need for more robust measures to secure IoT embedded devices was confirmed by recent Forrester's TechRadar research that defined the use cases, business value, and outlook for the 13 most relevant and important IoT security technologies. This included core technologies, such as IoT authentication and IoT encryption, in addition to emerging IoT security technologies like IoT threat detection, IoT blockchain, and IoT security analytics (*Fig. 1*).



Growing Security Threat

In the last few years, many well-publicized cyberattacks have demonstrated the risks of inadequate IoT security. Perhaps the best known was the "Stuxnet" attack, which targeted industrial programmable logic controllers (PLCs) in an Iranian uranium enrichment facility. Experts believe that Stuxnet destroyed up to 1,000 centrifuges connected via wide-area networks (WANs) to PLC devices running the Windows operating system on standard PC platforms. Even if you utilize reasonable IoT security measures, your connected gadgets may well be compromised by criminals. Last fall, Dynan internet DSN provider—came under an attack that disrupted access to popular websites. The attackers were able to take control of large numbers of internet-connected devices, such as DVRs and cameras. These devices then helped in the attack.

Securing the IoT

Securing the Internet of Things is a tricky business. Take the fact that IoT devices come in every shape, size, and function. This makes traditional end-point security models impractical. On top of that, by their very nature, IoT devices are resource-constrained in terms of power, performance, and functionality. Many use very customized and non-standard operating systems (remember NANIX, a version of Linux for early wearable devices). With so many limited resource devices, it's nearly impossible for network administrators to know what's going on with all of the devices. Further complicating this issue is that many IoT devices have very long lifecycles and almost no security, i.e., a temperature sensor in a commercial or industrial setting. Also, many IoT devices can't be easily patched or upgraded with the latest software due to their original design or limited resources such as memory and process. Finally, many connected devices use non-standard and legacy communication protocols (think M2M) that aren't recognized by most security products.



The session was continued by **Mr. Sombabu Gunithi**, talked about MQTT Essentials: Workshop on IoT protocol, the rapid growth of IoT devices and the challenges posed by wireless connectivity among these devices necessitates an expanded focus on cybersecurity. The eight key critical IoT security technologies presented here are a combination of traditional and newer methods and tools that work to truly secure the IoT. Live demonstration: MQTT, Scalable, Manageable and Efficient IoT Reference Architectures, Azure IoT Reference Architecture, AWS IoT Reference Architecture, IBM IoT Reference Architecture, Open Source IoT Reference Architecture Workshop on Azure IoT PaaS components, includes live demonstration of connecting simulated device to Azure IoT discussion of various MQTT Protocols and defined the difference between Arduino and Raspberry Pi usage in the different projects was held. Notwithstanding the widespread popularity of smart technologies, most of them reveal a significant drawback in terms of user safety. Because of that, the appearance of IoT security as a concept was inevitable. At the same time, this area is still on the stage of ongoing development. In the given circumstances, it is relevant to distinguish IoT security best practices and make a right choice in the mess of mediocre attempts to address the protection issues properly.



In this session expert Dr. Pramod Gaur, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur discussed about the topic like Implementing Cryptography Within the IoT, Fundamentals of Cryptography, Case Study: New Approaches like Blockchain for the IoT Internet of Things (IoT) security and privacy remain a major challenge, mainly due to the massive scale and distributed nature of IoT networks. He explained how the Blockchain-based approaches provide decentralized security and privacy, yet they involve significant energy, delay, and computational overhead that is not suitable for most resource-constrained IoT devices. He presented a lightweight instantiation of a BC particularly geared for use in IoT by eliminating the Proof of Work (POW) and the concept of coins. Defined approach was exemplified in a smart home setting and consists of three main tiers namely: cloud storage, overlay, and smart home. He delve deeper and outline the various core components and functions of the smart home tier. He said that each smart home is equipped with an always online, high resource device, known as "miner " that is responsible for handling all communication within and external to the home. The miner also preserves a private and secure BC, used for controlling and auditing communications. He show that our proposed BC-based smart home framework is secure by thoroughly analyzing its security with respect to the fundamental security goals of confidentiality, integrity, and availability. Finally, he presented simulation results to highlight that the overheads (in terms of traffic, processing time and energy consumption) introduced by his approach are significant to its security and privacy gains.



16. Attendance Sheet of Participants:-

	Swami Keshvanand Institute	of Technology, Management	& Gramothan, Jaipur
		AICTE Sponsored	
3	Hide Eaculty	Development Program of	n Santte
-		Severoprinenter rogram o	
-	"Internet	of Things: Education Can	vas 6 @ 5
110	09 Nov	ember-20 November, 201	.9
		ATTENDANCE SHEET	Date: 09.11.19
SN	Name of Participant	Morning	Afternoon
1	Mr. Manish P. Bhelande	HUB	HEB_
2	Ms. Bhargavi B. Dalal	the	the
3	Ms. Chhaya Narvekar	e.	R
4	Dr. Vikas J. Dongre	CLOST	CILLE?
5	Ms. Sushama Khanvilkar	parter-	Bernert
6	Dr. Sukhwinder Sharma	man	han
7	Prof. Ajit S. Patil	The a	The galant
8	Mr. Tanaji-Bhauso Patil	- (ust midin	(undown)
9	Dr. Vadali Srinivas	Musi	Mui
10	Mr. Deepak Aggarwal	TALL	-21
11	Dr. Raj Kumar Goel	the	forthe
12	Dr. Rajesh Recody Eswarawaka	Juigle E	Gindo E
13	Mr. Vijaykumar Selvam	- Silay -	-s. V. lay
14	Mr. Narendrasingh B. Gohil	1125	
15	Dr. K. Venkatagurunatha Naidu	(wat s	Rung
16	Dr. S. Rajasoundaran		
17	Mr. P. Raghavan	Jun	0.00
18	Dr. Pooja Sapra	the field	here .
19	Dr. Manju Khari	- O MEI	AITE
20	Mr. Kshatriya Krishnakum r ar V.	(Vrisha 3	Unohne
21	Mr. K. Vijaya Kumar	hujor. h	hujoj.m
22	Dr. Garima Srivastava	(sul	Cus
23	Mrs. G. Mangaiyarkarasi	6. Month	4. My Tain
24	Dr. Avinash Sharma	drive and	- ALL ALL
25	Mr. Krishan Kumar Prajapat		1222
26	MIT. K. K. Yadav (CRALD RAM Ya	1.27	A. M.
27	Dr. Ollesh Goyal	Avin	hart
28	Dr. Linesh Raia	AC.	
29	Dr. Vijander Singh	VisanAun	Visanden
21	Mr. Sandeen Bhargava	By Morder	
32	Ms. Boonam Baibaria	1 Dome	Propa
32	Dr. Nukesh Arora	Minkes-	Aprice
34	Ms. Pooia Choudhary	Reia	Pila
35	Ms. Maniu Choudhary	Marit	Nonly
36	Mr. Ankit Agrawal	Ankal	Arka
37	Mr. Ajay Kumar Dhanopia	noma	()ond
38	Dr. C. M. Choudhary	Photoe-	Tone
39	Mr. Mahender Kumar Beniwal	M	M
40	Mr. Sunil Dhankhar		19-1-
		AT LE	

	Swami Keshvanand Institute	of Technology, Management	t & Gramothan, Jaipur
		AICTE Sponsored	Sum
1	Faculty	Development Program of	ANGTE S
	"Internet	of Things: Education Car	ivas" 😒 🚭 👶
		ATTENDANCE SHEET	Date: 09.11.19
CNI			
JIV	Name of Participant	Morning	Afternoon
41	Ms. Anjana Sangwan	RS	as
42	Mrs. Priyanka	Luigenkon	leingaka
43	Dr. Pankaj Dadheech	(T	RE
44	Dr. S. R. Dogiwal	Dogin	- uz
45	Mr. Ankit Kumar	Anut Kr	Anud your
46	Mr. Kailash Soni	Kailach	Favlain
47	Mr. Naveen Jain	Nauter	Jane V.
48	Mr. Vipin Jain	Ripm	Nypm
49	Ms. Neha Mathur	New	Ken
50	Mr. Harpreet Singh Gill	a the	A Sta
51	Ms. Rubal Deep Gill	(tu c	Ou
52	Ms. Anjali Pandey	dy p	dujo
53	Ms. Dolly Mittal	1 ([2	1-1F
54	Ms. Nikhar Bhatnagar	1 de	
55	Ms. Palika Jajoo	telite	Elite
56	Ms. Priyanka Sharma		29-
57	Ms. Shalini Singhal	shall	shote
58	Dr. Sunita Gupta	Instal i	n Star 2
59	Ms. Nidhi Srivastava	hog	Luce Autour
60	Ms. Anshika Malsaria	Sulus	Conchuis
61	Mr. Neeraj Garg		4
62	Mr. Kanak Giri	- the p	to v. he
63	Mr. Yogendra Gupta	All Loga	the set
64	Mr. Sushant Kumar	O M	All
65	Ms. Richa Rawal	Kill I	Carl
66	Ms. Sanju Choudhary	Tu	Aut
67	Ms. Poonam Varshney	Alenile-	10/uth-
68	Dr. Niketa Sharma	Ning	Nites
69	Ms. Ruchika Khandelwal	he	h
70	Ms. Kajal Mathur	Nala	NICL
71	Dr. Neha Janu	Cu H	News
72	Ms. Sushila Bishnoi	(phanty)	Olanin
73	Dr. Praveen Kumar Jain	(royan-1	(P) (Main
74	Ms. Pooja Jain	Le a'	ho
75	Ms. Kavita Jain	- A21	- apple
76	Ms. Vijeta Khicha	al -	ue I
77	Mr. Mehul Mahrishi	- A H	
78	Mr. Gajanand Sharma	(12)	

Ber MJ Prot. (Dr.) Anil Cinaudhary Course Coordinator (1 DP)

	Swami Keshvanand Institu	te of Technology, Management	& Gramothan, Jaipur
	. and the first of	AICTE Sponsored	~ □ ^.
3	Statute Eacul	ty Development Program of	53
-	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		. Le AICTE
	"Interne	t of Things: Education Can	ivas" & 🔬 🖓
C IN	09 No	vember-20 November, 20	19 ~~~~~
			Data: 11 11 10
		ATTENDANCE SHEET	Date: 11.11.19
SN	Name of Participant	Maraina	A 64
1	Mr. Manish P. Bhelande		Atternoon
2	Ms. Bhargavi B. Dalal		May
3	Ms. Chhava Narvekar		
4	Dr. Vikas I. Dongre	(NI)	Olda .
5	Ms. Sushama Khanvilkar	- Children	(ALC)
6	Dr. Sukhwinder Sharma	45 mil	prince
7	Prof Alit S Patil	- AFF	
8	Mr. Tanaji Bhauso Patil	And a far	AM 0.02
9	Mr. Vadali Srinivas	taugran inini	1 (malunium
10	Mr. Deepak Aggarwal	Vwe	Muit
11	Dr. Bai Kumar Gool	DA DL	
17	Dr. Rajech Roddy Ecwaravelia	100	the
13	Mr. Vijevkuper Selven	Jungt a	and en
14	Mr. Narandrasinh P. Cahil	e Val	es. liper
1.5	Mr. K Vopkstagurungtha Naile	1125	MBS C
15	Dr. S. Palacounderen	Akust	King
17	Mr. D. Bookeyer	Martin	AC
10	Dr. Denie Serve		
10	Dr. Maniu Khasi		he
20	Mr. Kebataina Kaiaharah	- NIK I	AME
20	Mr. K Milana Kumar V.	Kinh	which
21	Dr. Casima Scienter	hijoy ha	hit-1.L
22	Dr. Garima Srivastava	Cert	and.
23	Mrs. G. Mangaiyarkarasi	le. Monjongene	a. mpge
24	Dr. Avinash Sharma	And T And	- Aug Ar
25	Mr. Krishan Kumar Prajapat	A 221-	n nr
20		t.m.	t-m
27	Dr. Dinesh Goyal	GF 12-	Ave
28	Dr. Ajay Khunteta	Agian	Agro
29	Dr. Linesh Raja	Ker	Ce.
30	Dr. Vijander Singh	Vivjanden	Vipancen
10	IVIr. Sandeep Bhargava	uppy	they .
32	IVIs. Poonam Rajharia	lon	los
33	Dr. Mukesh Arora	Morely	Marker,
34	Ms. Pooja Choudhary	(Pina)	(Pilla.
35	Ms. Manju Choudhary	Mang	Mang
36	Mr. Ankit Agrawal	Antit	Ankil
31	Mr. Ajay Kumar Dhanopia	0/01/19	
38	Dr. C. M. Choudhary	lich	Jan
39	Mr. Mahender Kumar Beniwal	hos	12
40	Mr. Sunil Dhankhar	Not -	
		1 DE	the second

	Swami Keshyanand Institu	ite of Technology, Managemen	t & Gramothan, Jaipur
		AICTE Sponsored	STIN.
1	Start Eacul	ty Development Program	OD S AKTE
1-1	Facul	ty Development Program	
1 100	"Interne	et of Things: Education Car	nvas"
	T	ATTENDANCE SHEET	Date: 11.11.19
SN	Name of Participant		1
41	NAC Aniona Conquian	Morning	Ne
41	Mrs. Brivanka	R. Ma	Primater
42	Dr. Pankai Dadhaach	- tuyoweor	
45			Con 5th
45	Mr. Ankit Kumar	14	and -
46	Mr. Kailash Soni	Kavlash	Karlash
40	Mr. Naveen Jain	Naingoni	NOULOONA
48	Mr. Vinin Jain	Nipin	liph
40	Ms. Neba Mathur	(NCM)	Revi
50	Mr. Harpreet Singh Gill		
51	Ms. Rubal Deep Gill	(Pu =	(9.4)
52	Ms. Aniali Pandey	duj	1 D m
53	Ms. Dolly Mittal		
54	Ms. Nikhar Bhatnagar		2 XP
55	Ms. Palika Jajoo	Kener	Ceture
56	Ms. Priyanka Sharma	R .	
57	Ms. Shalini Singhal	Safe	Shap
58	Dr. Sunita Gupta	mits '	mitz
59	Ms. Nidhi Srivastava	1 val a	Ludza
60	Ms. Anshika Malsaria	mulips	typithes
61	Mr. Neeraj Garg	and the second s	AT.
62	Mr. Kanak Giri	- T	T
63	Mr. Yogendra Gupta	Annos	Com.
64	Mr. Sushant Kumar	Suff.	Shi
65	Ms. Richa Rawal	- L'Y	there is a second secon
66	Ms. Sanju Choudhary		and in
67	Ms. Poonam Varshney	le v	AND Y
68	Dr. Niketa Sharma	Apanos	ipan
69	Ms. Ruchika Khandelwal	n_	n
70	Ms. Kajal Mathur	A lat	
71	Dr. Neha Janu	Nere	Nex.
72	Ms. Sushila Bishnoi		4 William
73	Dr. Praveen Kumar Jain	Irman	(PMK1)
74	Ms. Pooja Jain	etei	VI -
75	Ms. Kavita Jain	Kam	apple
76	Ms. Vijeta Khicha	1 Ott Al	
77	Mr. Mehul Mahrishi		
18	wir. Gajanand Sharma	(93	(98 11

Bell My Prof. (Dr.) Anil Chaudhar, Course Coordinator (FDP)

	Swami Keshvanand Institu	te of Technology, Management	& Gramothan, Jaipur
	. Andread .	AICTE Sponsored	
7	Status Facult	ty Development Program	South States
-0	// // //		. S AICTE 2
	Interne	t of Things: Education Can	ivas" 3 🔬 5
	09 No	vember-20 November, 20:	19 ~~~~~
		ATTENDANCE SHEET	Date: 12 11 19
-			Date: 12.11.15
SN	Name of Participant	Morning	Afternoon
1	Mr. Manish P. Bhelande	MB-	
2	Ms. Bhargavi B. Dalal	1 Ac	- Arris
3	Ms. Chhaya Narvekar		1 Alexandream Alexandream Alexandream Alexandream Alexandream Alexandream Alexandream Alexandream Alexandream A
4	Dr. Vikas J. Dongre	TAN	(MA)
5	Ms. Sushama Khanvilkar	Astront	asing
6	Dr. Sukhwinder Sharma	the train	Then the
7	Prof. Ajit S. Patil	A	Martin
8	Mr. Tanaji Bhauso Patil	(uniminity)	uniminit.
9	Mr. Vadali Srinivas	Mine	1 Mac
10	Mr. Deepak Aggarwal	512	-th
11	Dr. Raj Kumar Goel	-deler -	Aler
12	Dr. Rajesh Reddy Eswarawaka	3°China Star	1 E
13	Mr. Vijaykumar Selvam	- s litin	5 dila:
14	Mr. Narendrasinh B. Gohil	Ma	MARC
15	Mr. K. Venkatagurunatha Naidu	Kun	The second secon
16	Dr. S. Rajasoundaran	AQ/	
17	Mr. P. Raghavan	land a	0
18	Dr. Pooja Sapra	HI	Var
19	Dr. Manju Khari	() I My	Alph
20	Mr. Kshatriya Krishnakumar V.	Khish	June -
21	Mr. K. Vijaya Kumar	Kujoji-	hij -
22	Dr. Garima Srivastava	all	and
23	Mrs. G. Mangaiyarkarasi	G. Mappet	G. Mypt
24	Dr. Avinash Sharma	Are Are	- Ma- Ma-
25	Mr. Krishan Kumar Prajapat	d'har te	di Vi-
26	Mr. Kalu Ram Yadav	7.3.1	7.2.
.7	Dr. Dinesh Goyal	912	15.2
28	Dr. Ajay Khunteta	Andal	April
9	Dr. Linesh Raja	Seil	1Co
0	Dr. Vijander Singh	Virganden	Willander
1	Mr. Sandeep Bhargava	39-	Bon
2	Ms. Poonam Rajharia	Ponn	lonn
3	Dr. Mukesh Arora	Mukesh	Miller
4	Ms. Pooja Choudhary	Prig.	Porter
5	Ms. Manju Choudhary	Mark	Manik
6	Mr. Ankit Agrawal	ANKIL -	Acrit
7	Mr. Ajay Kumar Dhanopia	Acha	Children -
8	Dr. C. M. Choudhary	10/9	101014-
- 1	Mr. Mahender Kumar Boniwal	Hip With	uny
9	and a second contract Runnar Deniwal		

	Swann Kesnvanand Instit	ute of Technology, Management	e. Chanad	
K	- A to the	AICTE Sponsored	AICTE Sponsorod	
Tuba	Facu	Ilty Development D	Sec. 1	
	an an angenan "Internet	bevelopment Program o	n Alche	
	Intern	et of Things: Education Can	vas" S	
		ATTENDANCE SHEET	Date: 12.11.19	
SN	Name of Participant			
41	Ms Aniana Sanguran	Morning	Afternoon	
42	Mrs. Privanka	- AS	R	
43	Dr. Pankai Dadheach	brigarles	briganka	
44	Dr. S. B. Dogiwal		(TP)	
45	Mr. Ankit Kumar	Parn	Jan .	
46	Mr. Kailash Soni	and	dry	
47	Mr. Naveen Jain	Kailam	Kaulash	
48	Mr. Vipin Jain	Nar	Name	
49	Ms. Neha Mathur	- Open	c v qpm	
50	Mr. Harpreet Singh Gill	1000	the sta	
51	Ms. Rubal Deep Gill	(D) the	A chia	
52	Ms. Aniali Pandey	- (tu)		
53	Ms. Dolly Mittal	(IN)	ort (
54	Ms. Nikhar Bhatnagar	- 201	de	
55	Ms. Palika Jajoo	auty	Valution	
56	Ms. Privanka Sharma	R	A A A A A A A A A A A A A A A A A A A	
57	Ms. Shalini Singhal	graty	Shile	
58	Dr. Sunita Gupta	Suntor'	Smite ;	
59	Ms. Nidhi Srivastava	Jud	hid	
60	Ms. Anshika Malsaria	1 controls	poulie	
61	Mr. Neeraj Garg	at I	AT	
62	Mr. Kanak Giri	-+1	th	
63	Mr. Yogendra Gupta	AL LORD	Al cojes	
64	Mr. Sushant Kumar	14 cm	10 Million	
65	Ms. Richa Rawal	Kin	K	
66	Ms. Sanju Choudhary	Sat		
67	Ms. Poonam Varshney	Here	the work-	
68	Dr. Niketa Sharma	Miller	NIME	
69	Ms. Ruchika Khandelwal	h	5	
70	Ms. Kajal Mathur		Nal.	
71	Dr. Neha Janu	Nex	Kind.	
72	Ms. Sushila Bishnoi	Jun (Dial'M	(Datasin	
73	Dr. Praveen Kumar Jain	(D) (romany	P (I'M'C' I	
74	Ms. Pooja Jain		Tatin	
75	Ms. Kavita Jain	() TI	(b) a	
76	Ms. Vijeta Khicha	and ut	affection of the second	
77	Mr. Mehul Mahrishi		G2 V	
78	Mr. Gajanand Sharma	the second	- Cre	

Prof. (Dr.) Anil Chaudhau Course Coordinator (FDP)

	Swami Keshvanand Institu	te of Technology, Managemen	t & Gramothan, Jaipur
		AICTE Sponsored	
X	Statis Facul	ty Development Program	n Same
-0.	"Interne	t of Things: Education Car	ivas"
		vember 20 November 20	19
	09110	venibel-20 Novenibel, 20	15 Data: 12 11 10
		ATTENDANCE SHEET	Date: 13.11.19
SN	Name of Participant	Morning	Afternoon
1	Mr. Manish P. Bhelande	NB	MB
2	Ms. Bhargavi B. Dalal	The	
3	Ms. Chhaya Narvekar		
4	Dr. Vikas J. Dongre	OHOT .	alet.
5	Ms. Sushama Khanvilkar	Busart,	Osmal /
6	Dr. Sukhwinder Sharma	Ale grien	AI man
7	Prof. Ajit S. Patil		A COT O
8	Mr. Tanaji Bhauso Patil	aurmin	(un min m
9	Mr. Vadali Sriniyas	H	1 Marco
10	Mr. Deepak Aggarwal	Sth	-213
11	Dr. Bai Kumar Goel	Ater	After 1
12	Dr. Baiesh Berddy Eswarawaka	2.5	Cinob E.
13	Mr. Vijavkumar Selvam	- ilian-	es ligail-
14	Mr. Narendrasinh B. Gohil	- S. I.J. Me	08
14	Mr. K. Venkatagurunatha Naidu		
16	Dr. S. Pajasoundaran		1 COD
10	Dr. S. Kajasoundaran		Martin
10	Dr. Desis Capita	D.Y.	Du
18	Dr. Manin Khari	- Tub	Jul
19			A Pa
20	Mir. Kshatriya Krishnakumar V.	lanshri	lunsha
21			PAR ATT.
22	Dr. Garima Srivastava		- Cum
23	Mirs. G. Mangaiyarkasasi	- And Wayne	10 mg mg 10
24	Dr. Avinash Sharma	Are Not	tol 184
25	Mr. Krishan Kumar Prajapat	122	1 2000
26	Mr. Kalu Ram Yadav	+612	tion
27	Dr. Dinesh Goyal	01-2	472
28_	Dr. Ajay Khunteta	Hav r	18700
29	Dr. Linesh Raja	Lee	L'e
30	Dr. Vijander Singh	Virjansen	Undanden
31	Mr. Sandeep Bhargava	m	2 mg
32	Ms. Poonam Rajharia	Found	Foond
33	Dr. Mukesh Arora	Inker	Markes
34	Ms. Pooja Choudhary	(Boge	(62)
35	Ms. Manju Choudhary	Hart	Hontz
36	Mr. Ankit Agrawal	Ankin	torkis
37	Mr. Ajay Kumar Dhanopia	Marg-	(10/219
38	Dr. C. M. Choudhary	Cint	Love
JU			
39	Mr. Mahender Kumar Beniwal	Ma	192

	Swami Keshyanand Institut	e of Technology, Management	& Gramothan, Jaipur
	Swann Resnyanand Institu	AICTE Sponsored	5577
يعي	TAL	Alere sponsor on	S AICTE
TE	Facult	y Development Program of	3 4 5
	"Interne	t of Things: Education Can	/as" Yunn
		ATTENDANCE SHEET	Date: 13.11.19
de la compañía de la comp			
SN	Name of Participant	Morning	Afternoon
41	Ms. Aniana Sangwan	R	()
42	Mrs. Privanka	frigankas	Pergartes
43	Dr. Pankai Dadheech	GET	- Citt-
44	Dr. S. R. Dogiwal	(The second sec	
45	Mr. Ankit Kumar	Anat	An Yath
46	Mr. Kailash Soni	Kaulath	2121, 2211 10110
47	Mr. Naveen Jain	Vaneer ben	Kenter Least
48	Mr. Vipin Jain	Nipm	Cupit
49	Ms. Neha Mathur	(NCA I	(MIN)
50	Mr. Harpreet Singh Gill	1 the	() is the second
51	Ms. Rubal Deep Gill	Au	
52	Ms. Anjali Pandey		
53	Ms. Dolly Mittal	Delly	Delif
54	Ms. Nikhar Bhatnagar		
55	Ms. Palika Jajoo	retily	Yellin
56	Ms. Privanka Sharma	-	
57	Ms. Shalini Singhal	Shelin	Shelve
58	Dr. Sunita Gupta	Suis	my
59	Ms. Nidhi Srivastava	"Just	huer
50	Ms. Aushika Malsaria	joulus	June
61	Mr. Neeraj Garg	Int	Ar
62	Mr. Kanak Giri	-tr	the second
63	Mr. Yogendra Gupta	UND34	A start
64	Mr. Sushant Kumar		, the second sec
65	Ms. Richa Rawal	*120	driv
66	Ms. Sanju Choudhary	A PART	
67	Ms. Poonam Varshney	pre 2	hore
68	Dr. Niketa Sharma	-tokame	thams
69	Ms. Ruchika Khandelwal	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1
70	Ms. Kajal Mathur	T.	- The
71	Dr. Neha Janu	Nehen	Nenh
77	Ms. Sushila Bishnoi	62	- Con
73	Dr. Praveen Kumar Jain	Pjan	Kain
74	Ms. Pooja Jain		Chip
75	Ms. Kavita Jain	Kohn	abolin,
76	Ms. Vijeta Khicha	(de)	Get "
77	Mr. Mehul Mahrishi	(A)	CH-
78	Mr. Gaianand Sharma	1 Ca	(Te T

Berrot. (Dr.) Anil Chaudhan Course Coordinator (LDP)

	Swami Keshvanand Institut	e of Technology, Management	& Gramothan, Jaipur
	and the second	AICTE Sponsored	
X	Eacult Eacult	v Development Program	Service States
	(U.s.t.)		AICTE
	an encoded and a subsequence of the subsequence of	t of Things: Education Can	ivas" 5 🙆 5
	09 Nov	vember-20 November, 20:	19 2255
		ATTENDANCE SHEET	Date: 1/1 11 10
SN	Name of Particians		Bate: 14.11.15
514	Name of Participant	Morning	Afternoon
1	Mr. Manish P. Bhelande	Neß	MR
2	Ms. Bhargavi B. Dalal	A	11-192.
3	Ms. Chhaya Narvekar	- Ari	
4	Dr. Vikas J. Dongre	AND AL	ALLAN .
5	Ms. Sushama Khanvilkar	Somet (Acual
6	Dr. Sukhwinder Sharma	hum	i hanning
7	Prof. Ajit S. Patil	AH	
8	Mr. Tanaji Bhauso Patil	A HANDAN HAND	M Junior 22
9	Mr. Vadali Srinivas	Maria	Newgionion
10	Mr. Deepak Aggarwal	- Ali	V Care
11	Dr. Raj Kumar Goel	Atl &	
12	Dr. Rajesh Reddy Eswarawaka	Y moh. C	Vir Ra
13	Mr. Vijaykumar Selvam	Cur) all	C when R
14	Mr. Narendrasinh B. Gohil	Children	
15	Mr. K. Venkatagurunatha Naidu		
16	Dr. S. Rajasoundaran	1 50	
17	Mr. P. Raghavan	and the second	Aug St. S
18	Dr. Pooja Sapra	Pro	
19	Dr. Manju Khari	ut	1 m
20	Mr. Kshatriya Krishnakumar V.	Winshe	
21	Mr. K. Vijaya Kumar	Kij 1.1-	lumi
22	Dr. Garima Srivastava	Tit	C. MTT.
23	Mrs. G Mangaiyarkarasi	G. M. Vien	C. Mainter 7
24	Dr. Avinash Sharma	Ad-	A AO
25	Mr. Krishan Kumar Prajapat	Jun Ast	F 100 102
26	Mr. Kalu Ram Yadav	- indu	for the
27	Dr. Dinesh Goyal	Gyr	1 AB 7 7-
28	Dr. Ajay Khunteta	Ajan	Arian
29	Dr. Linesh Raja		(10)
30	Dr. Vijander Singh	Varander	Videnalia
31	Mr. Sandeep Bhargava	3-7-	San
32	Ms. Poonam Rajharia	Porm	Poppon
33	Dr. Mukesh Arora	Minkey	Mulele
34	Ms. Pooja Choudhary	Paja	(Pala-
35	Ms. Manju Choudhary	Manue	Honiy
36	Mr. Ankit Agrawal	ANKIL	Anki
37	Mr. Ajay Kumar Dhanopia	Nort	Oland
38	Dr. C. M. Choudhary	(LW-	Potrel-
39	Mr. Mahender Kumar Beniwal	TES-	MIT
40	Mr. Sunil Dhankhar	BS	

3		AICTE Sponsored	ANCTE
-	Facult	y Development Program o	n Stard
, 1101	"Internet	of Things: Education Can	vas" ~~~~
		ATTENDANCE SHEET	Date: 14.11.19
SN	Name of Participant		1111
514		Morning	Afternoon
41	Ms. Anjana Sangwan	(PS-	Q.C.
42	Mrs. Priyanka	Bereyorton	brighten
43	Dr. Pankaj Dadheech	- IGF	8FP
44	Dr. S. R. Dogiwal	Corin 1	Painz
45	Mr. Ankit Kumar	that	dan
46	Mr. Kailash Soni	failash.	Koulash .
47	Mr. Naveen Jain	Naneen Jam	Janen ja
48	Mr. Vipin Jain	Vipm	Nepm
49	Ms. Neha Mathur	(NOU)	(nm) f
50	Mr. Harpreet Singh Gill	The	O Stud
51	Ms. Rubal Deep Gill	Rif	Pat
52	Ms. Anjali Pandey	duy	and
53	Ms. Dolly Mittal	the	alley
54	Ms. Nikhar Bhatnagar	A.	
55	Ms. Palika Jajoo	Fallister	Rowled
56	Ms. Priyanka Sharma	P -	- (uno
57	Ms. Shalini Singhal	ar	Set /
58	Dr. Sunita Gupta	Q - D - T	J.st.
59	Ms. Nidhi Srivastava	Tuest	Mal
60	Ms. Anshika Malsaria	, Lunes	Sistulie
61	Mr. Neeraj Garg	AND -	T
62	Mr. Kanak Giri	-th	
63	Mr. Yogendra Gupta	(anta)	2 thits
64	Mr. Sushant Kumar		
65	Ms. Richa Rawal	Riv	live
66	Ms. Sanju Choudhary	Set.	0 Set
67	Ms. Poonam Varshney	Stort	her
68	Dr. Niketa Sharma	Atalmas	Afraems
69	Ms. Ruchika Khandelwal	h-	k
70	Ms. Kajal Mathur	Truz.	Arry I
71	Dr. Neha Janu	Nera	Neve
72	Ms. Sushila Bishnoi	- LV	5
73	Dr. Praveen Kumar Jain	Pian	Pian
74	Ms. Pooja Jain	and .	A .
75	Ms. Kavita Jain	affer	Later
76	Ms. Vijeta Khicha	(k)	Cell.
7	Mr. Mehul Mahrishi		
7	8 Mr. Gajanand Sharma	(AS"	(God H
			Prof. (Dr.) Anil Chaudhar

Prof. (Dr.) Anil Chaudhar Course Coordinator (FDP)

	Swami Keshvanand Institut	e of Technology Management	8 C
		AICTE Sponsored	& Gramothan, Jaipur
3	States Escult	Alere sponsored	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Facult	y Development Program o	n S AICTE 2
	"Internet	of Things: Education Can	vas"
	09 Nov	vember-20 November, 201	9 2222
		ATTENDANCE SHEET	Date: 15.11.19
SN	Name of Participant		
1		Morning	Afternoon
2	Mr. Manish P. Bhelande	10B	MB
2	IVIS. Bhargavi B. Dalal	· · ·	.4.
3	Nis. Chnaya Narvekar	le.	A. A
4	Dr. Vikas J. Dongre	CB/B	000
5	Ms. Sushama Khanvilkar	Astraf	Salmad 1
0	Dr. Sukhwinder Sharma	- from	A.C. Hund
/	Prof. Ajit S. Patil	the To Ca	The of
8	IVIr. Tanaji Bhauso Patil	und minister	admin
9	Mr. Vadali Srinivas	Vince	0 Vhi
10	Mr. Deepak Aggarwal	152	-272
11	Dr. Raj Kumar Goel	Athy '	All
12	Dr. Rajesh Resty Eswarawaka	Timb E	J. inde
13	Mr. Vijaykumar Selvam	S. Jijan	- F. J.
14	Mr. Narendrasinh B. Gohil	· MS -	135
15	Mr. K. Venkatagurunatha Naidu	Aug	TQ.
16	Dr. S. Rajasoundaran	Q.0_	DO)
17	Mr. P. Raghavan		0
18	Dr. Pooja Sapra	The second	14M
19	Dr. Manju Khari	Jut 1/0	1 put
20	Mr. Kshatriya Krishnakumar V.	(id make	(10 moto
21	Mr. K. Vijaya Kumar	hur y , L	Lin
22	Dr. Garima Srivastava	and	Cur
23	Mrs. G. Mangaiyarkarasi	C. Mangel	C. Augine -
24	Dr. Avinash Sharma	AC AC	10 10
25	Mr. Krishan Kumar Prajapat	917-	the
26	Mr. Kalu Ram Yaday	2.2.	2200
27	Dr. Dinesh Goval	Buz	+ 01
28	Dr. Aiay Khunteta	Adama	Anana
29	Dr. Linesh Baja	10-0	1100
30	Dr. Vijander Singh	1 Losenten	1400 and an
31	Mr. Sandeen Bhargava	Value	Vivince
37	Mr. Boopam Baiharia	0	1 Samp
22	Dr. Mukosh Asasa	Adadesta	Foond
33	Mr. Desis Chaudh	Qua	nunkess
34	Ivis. Pooja Choudnary	tinge	(tapa
35	IVIS. Manju Choudhary	Many .	Manya.
36	Mr. Ankit Agrawal	HIKA	Ankin.
37	Mr. Ajay Kumar Dhanopia	()07079-	0000
38	Dr. C. M. Choudhary	lin	a
39	Mr. Mahender Kumar Beniwal	No-1	Va P
40	Mr. Sunil Dhankhar	BC	Tazz

	Swami Keshvanand Institut	e of Tashnology M	
	and the second se	AICTE Spore and	& Gramothan, Jaipur
1 E		AICTE Sponsored	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Facult	y Development Program o	n S ANCTE
	"Internet	of Things: Education Can	vas" & @ 5
		ATTENDANCE SHEFT	Date: 15 11 10
SN	Name of Participant		Date: 15:11:15
41	M	Morning	Afternoon
41	Ms. Anjana Sangwan	Al	
42	Mrs. Priyanka	binarkon	Binglia
43	Dr. Pankaj Dadheech	(FE	- gaven
44	Dr. S. R. Dogiwal	n	min
45	Mr. Ankit Kumar	ANT	Hart
40	IVir. Kallash Soni	Kaulach	Kawlash ?
47	Mr. Naveen Jain	puller ber	Noucers - John
40	Mc Nobe Math	N mm	(J-pm_
49	Ms. Neha Mathur	(MCN)	(ren pro-
50	Mr. Harpreet Singh Gill	O Pro	The
52	Nis. Rubal Deep Gill	Bit	(a) st
52	Ms. Anjali Pandey	det	1944
50	Ms. Dolly Mittal	Pally	Dolly 1
55	Mr. Dolika lai	2	A.
55	Ms. Palika Jajoo	(fetiles	felily
57	Ms. Shalini Cirahad		B
50	Dr. Sweite Custo	Shetini	Shelini
50	Mc Nidhi Szingete	Sut o	Justs.
60	Ms. Apshika Malsaria	feel	hund
61	Mr. Noorai Carg	Asutules	dutules
62	Mr. Kapak Giri	and here	
62	Mr. Vogondro Cunto	L ON TI	-++1
64	Mr. Susbant Kuman	Juniot	192122
65	Mr. Bicha Bowal		
66	Ms. Saniu Choudham	- quive	Tur
67	Ms. Boopam Varshnau		0 and
68	Dr. Nikota Sharma		20
69	Ms. Buchika Khandalual	NINT	Nint
70	Ms. Kaial Mathur		
71	Dr. Neba Janu	T	
72	Ms Suchila Bichne:	Nen	Neha
73	Dr. Praveen Kumar Jain	070	- 52
74	Ms. Pooia Jain	am	Kig'h
75	Ms. Kavita Jain		- F
76	Ms. Vijeta Khicha	- John	p.p.
77	Mr. Mehul Mahrishi		1 1 1
78	Mr. Gaianand Sharma	R UN	
_ /0	I'm. Gajananu Sharma	- (B) 1	

Ben Wy Prof. (Dr.) Anil Chaudhary Course Coordinator (FDP)

	Swann Kesnyanand Institut	AICTE Sponsored	& Gramothan, Jaipur
×	J'dhak Eacult	v Davidagement Res	55575
10	SINE Facult	y Development Program o	n <u>Saidte</u>
	"Internet	t of Things: Education Can	vas" 💡 🕘 🖇
	09 No	vember-20 November, 201	.9
		ATTENDANCE SHEET	Date: 16.11.19
SN	Name of Participant		
1	Mr. Manish P. Bholando	Morning	Afternoon
2	Ms. Bhareavi B. Dalal		ring.
3	Ms. Chhava Narvekar	MI	15
4	Dr. Vikas I. Dongro	-2000	60 -00
5	Ms. Sushama Khanvillar	Church	Childrent
6	Dr. Sukhwinder Sharma	Asmat	0 1
7	Prof Aut S. Patil	AT	AT TO
8	Mr. Jonob Rhouse Partil	1000	Ant 60 lot
0	Mi. Vədəli Sriniyər	dur tu sin	and with
10	Mr. Doopak Aggarwal	Anni	A Mass
11	Dr. Rai Kumar Gael	11521	-ALC
17	Dr. Raj Kumar Goer	Afor	Affine
12	Dr. Kajesh Eswarawaka	- Cenjob i E	Junto E
15	Mr. Vijaykumar Selvam	= s.lifay	-s.lipalin
14	Mr. Narendrasinh B. Gohil	00 118	000
15	Mr. K. Venkatagurunatha Naidu		R
10	Dr. S. Rajasoundaran		STOR
1/	Mr. P. Raghavan		0.
18	Dr. Pooja Sapra	170	me
19	Dr. Manju Khari	hit	L'IN-
20	Mir. Kshatriya Krishnakumar V.	Khrohn 2	(ignohn
21	Mr. K. Vijaya Kumar	Kypy L.	Lujay-L.
22	Dr. Garima Srivastava	08	Cut
23	Mrs. G. Mangaiyarkarasi	a. mppi	a minge
24	Dr. Avinash Sharma	THE M	The tole
25	Mr. Krishan Kumar Prajapat	2tr-	- chh-
26	Mr. Kalu Ram Yadav	Tim	In
27	Dr. Dinesh Goyal	942	972
28	Dr. Ajay Khunteta	Marg	Bono
29	Dr. Linesh Raja	- Cc	12
30	Dr. Vijander Singh	Variancen	vojandan
31	Mr. Sandeep Bhargava	- Sut-	Sant
32	Ms. Poonam Rajharia	Pom	tom
33	Dr. Mukesh Arora	Ahrkess	Allhers
34	Ms. Pooja Choudhary	Cope.	(Pro-
35	Ms. Manju Choudhary	re augu	Mante
36	Mr. Ankit Agrawal	ADANT	Anter
37	Mr. Ajay Kumar Dhanopia	(1921a	nana
38	Dr. C. M. Choudhary		
39	Mr. Mahender Kumar Beniwal	3	har ve
40	Mr. Sunil Dhankhar	87	

	Swami Keshyanand Inst	itute of Technology, Management &	& Gramothan, Jaipur
	Swallin Resultations	AICTE Sponsored	Course !!
, C	Kalink Fac	ulty Development Program of	ANCTE -
	Fac	uity Development rogram of	······································
	"Inter	net of Things: Education Canv	Date: 16.11.19
		ATTENDANCE SHEET	Date: 10.11.15
SN	Name of Participant	Marring	Afternoon
		Worning NR	al
41	Ms. Anjana Sangwan	Privater.	bigenter
42	Mrs. Priyanka	()	C=
43	Dr. Pankaj Dadneech	Get in	Born
44	Mr. Ankit Kumar	Anist lar	Donul Jan
45	Mr. Kailash Soni	Kailash	Kailan 1
40	Mr. Naveen Jain	Natiely Jay	Nauen Jall
48	Mr. Vipin Jain	Nypm	(Vipm
49	Ms. Neha Mathur	(MC).	
50	Mr. Harpreet Singh Gill	The	() Solar
51	Ms. Rubal Deep Gill	(Li,	()
52	Ms. Anjali Pandey	247	Pitt
53	Ms. Dolly Mittal	(i in the second	6000
54	Ms. Nikhar Bhatnagar	0.0	
55	Ms. Palika Jajoo	letter	least
56	Ms. Priyanka Sharma		- David
57	Ms. Shalini Singhal		
58	Dr. Sunita Gupta	- All	Nuce
59	Ms. Nidhi Srivastava	hundride	, b, white
60	Ms. Anshika Malsaria		
61	Mr. Neeraj Garg	- th	
62	Mr. Kanak Giri	- Intra-	yutte
63	Mr. Yogendra Gupta	Gust	Suth
64	Mr. Sushant Kunnar	RWC	hore
6	5 Ms. Saniu Choudhary	2	Cort.
6	7 Ms. Poonam Varshney	Jor	Joen
6	3 Dr. Niketa Sharma	Ateam	the com
6	Ms. Ruchika Khandelwal	- n_	
7	0 Ms. Kajal Mathur		1
7	1 Dr. Neha Janu	Nehg	Nener
7	2 Ms. Sushila Bishnoi		
7	3 Dr. Praveen Kumar Jain	- Ciaiz	Kan
7	4 Ms. Pooja Jain		The band
7	5 Ms. Kavita Jain	- A	ad how
7	6 Ms. Vijeta Khicha		AL I
7	7 Mr. Mehul Mahrishi		
	78 Mr. Gajanand Sharma		

Prot. (Dt.) Anil Chaudifay Course Coordinator (FDP)

	Swami Keshvanand Institu	te of Technology, Management	& Gramothan Jainur
	and the second sec	AICTE Sponsored	a chanoman, baipur
iE	Facult	W Dovelopment Dra	Ser in the second
44	"I deale	y Development Program o	n S Alche 2
Caren	"Internet	t of Things: Education Can	vas" S @ S
	09 No	vember-20 November, 201	19 2000
		ATTENDANCE SHEET	Date: 18.11.19
SN	Name of Participant		
1		Morning	Afternoon
	Mr. Manish P. Bhelande	MB-	MB
2	IVIS. Bhargavi B. Dalal	1	
3	Ms. Chhaya Narvekar	R.	A.
4	Dr. Vikas J. Dongre	· CANEST	Caler
5	Ms. Sushama Khanvilkar	asmat.	genet,
6	Dr. Sukhwinder Sharma	A grew	+ grand
/	Prot. Ajit S. Patil	And	And to
8	Mr. Tanaji Bhauso Patil	Cuntomation	C Cutomina
9	Mr. Vadali Srinivas	mines	Hunen
10	Mr. Deepak Aggarwal	272	-STE
11	Dr. Raj Kumar Goel	forture	the
12	Dr. Rajesh Eswarawaka	PartiE	8 4 E-
13	Mr. Vijaykumar Selvam	- S lilay/	s lilart
14	Mr. Narendrasinh B. Gohil	AL AND	NR NR
15	Mr. K. Venkatagurunatha Naidu	X Pro-	ALL IS
16	Dr. S. Rajasoundaran	-R.C	- CO-R
17	Mr. P. Raghavan	(During)	Down
18	Dr. Pooja Sapra	1 Te	Chr
19	Dr. Manju Khari	a he !!	pul
20	Mr. Kshatriya Krishnakumar V.	(khrohn?	(d) mohr
21	Mr. K. Vijaya Kumar	Nig-1-L	him . L
22	Dr. Garima Srivastava	GN	att
23	Mrs. G. Mangaiyarkarasi	Ce. Kleympat	(Munget
24	Dr. Avinash Sharma	m	Mal
25	Mr. Krishan Kumar Prajapat	1 gin	d'Im-
26	Mr. Kalu Ram Yadav	tim	Tax
27	Dr. Dinesh Goyal	942	612
28	Dr. Ajay Khunteta	Attany	Ajan
29	Dr. Linesh Raja	Ke	Re-
30	Dr. Vijander Singh	Vignacu	Voranden
31	Mr. Sandeep Bhargava	Sand	Ind
32	Ms. Poonam Rajharia	Poom	Poon
33	Dr. Mukesh Arora	Muces	Ninkes1
34	Ms. Pooja Choudhary	Poola	(Paria
35	Ms. Manju Choudhary	Marth	Marth
36	Mr. Ankit Agrawal	Ankit	Actil
37	Mr. Ajay Kumar Dhanopia	Dame -	Dame
38	Dr. C. M. Choudhary	- there -	- Ulan.
39	Mr. Mahender Kumar Beniwal	Ang fu	the
40	Mr. Sunil Dhankhar		
		y with the second secon	B

	owanii ixesiiyananu insti	AICTE Sponsored	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
K	Facility Faci	Ity Development Program	on S AKCTE
-+-		and ST is a Education Ca	nuac" 5 😃 5
,	intern	net of Things: Education Ca	Date: 18.11.19
		ATTENDANCE SHEET	Date: 10.22.22
SN	Name of Participant		Afternoon
		Morning	Alternoon
41	Ms. Anjana Sangwan	(D)S	
42	Mrs. Priyanka	4	CP-2
43	Dr. Pankaj Dadheech	(19-5-	So .u
44	Dr. S. R. Dogiwal	Din	10-2
45	Mr. Ankit Kumar	and	- Varilash
46	Mr. Kailash Soni	Karlash	Manden
47	Mr. Naveen Jain	Navie	Na -
48	Mr. Vipin Jain	CNpm	(Vy)
49	Ms. Neha Mathur	(NOV)	
50	Mr. Harpreet Singh Gill	- Id	() state
51	Ms. Rubal Deep Gill	(4)	the second second
52	Ms. Anjali Pandey	AT D	the state of the s
53	Ms. Dolly Mittal	1 Aur	- de de
54	Ms. Nikhar Bhatnagar	Aut	- Kist
55	Ms. Palika Jajoo	Tlend	Celto
56	Ms. Priyanka Sharma	1 Alexandre	- B
57	Ms. Shalini Singhal	Shee	SVE .
58	Dr. Sunita Gupta	here a	hits
59	Ms. Nidhi Srivastava	Aled	leas
60	Ms. Anshika Malsaria	sulies	Julies
61	Mr. Neeraj Garg	tettet	- H
62	Mr. Kanak Giri	TT	T
63	Mr. Yogendra Gupta	untito	Anto
64	Mr. Sushant Kumar	AND -	
65	Ms. Richa Rawal	kicht	Rive
66	Ms. Sanju Choudhary	0 Cen	521-
67	Ms. Poonam Varshney	No-1	Nor -
68	Dr. Niketa Sharma	Niketz	Ninet
69	Ms. Ruchika Khandelwal	he	h
70	Ms. Kajal Mathur	Ŧ	-
71	Dr. Neha Janu	Nehr	Nehr
72	Ms. Sushila Bishnoi	52-0	525
73	Dr. Praveen Kumar Jain	Ponain	8 (Pmain)
74	Ms. Pooja Jain	(h)	C.
75	Ms. Kavita Jain	Kolm	Mak
76	Ms. Vijeta Khicha	671	(e)
77	Mr. Mehul Mahrishi		a contraction of the second se
	Ma Calanand Channes	Gt H	1 Contin

Ber Maril Chaudhay Course Coordinator (FDP)

	Commi Koshyanand Institut	e of Technology, Management	t & Gramothan, Jaipur
	Swami Kesiivananu Institut	AICTE Sponsored	
	and the second s	Alere Sponsored	Seen and
t	Facult Facult	y Development Program	
	"Internet	of Things: Education Car	ivas" 🖓 💩 🖓
(7.1)	09 Nov	ember-20 November, 20	19 385
		ATTENDANCE SHEET	Date: 19.11.19
SN	Name of Participant	Morning	Afternoon
1	Mr. Manish P. Bhelande	MB	me
2	Ms. Bhargavi B. Dalal	de la companya	1 de
3	Ms. Chhava Narvekar		
4	Dr. Vikas J. Dongre	GADEL	CIL
5	Ms. Sushama Khanvilkar	pound.	Bunda
6	Dr. Sukhwinder Sharma	gran	from At.
7	Prof. Aiit S. Patil		
8	Mr. Tanaji Bhauso Patil	the misting	(unforminite)
9	Mr. Vadalı Srinivas	1 Mins	Ame
10	Mr. Deepak Aggarwal	Shi	ALV
11	Dr. Raj Kumar Goel	HER,	APer 1
12	Dr. Rajesh Eswarawaka	Territo E	Curl 5: E
13	Mr. Vijaykumar Selvam	-s.Vilav-	Jilayt_
14	Mr. Narendrasinh B. Gohil	ne ne	
15	Mr. K. Venkatagurunatha Naidu	Aug	(Wet and
16	Dr. S. Rajasoundaran	A CL	- Ale
17	Mr. P. Raghavan		
18	Dr. Pooja Sapra	lize	
19	Dr. Manju Khari	A ME	AME
20	Mr. Kshatriya Krishnakumar V.	(Mishn 2	(kmshns
21	Mr. K. Vijaya Kumar	Auj T.L.	ku j
22	Dr. Garima Srivastava	G	
23	Mrs. G. Mangaiyarkarasi	G. Mayaye	a. noppe
24	Dr. Avinash Sharma	, Acc	A
25	Mr. Krishan Kumar Prajapat	4n	27 EN
26	Mr. Kalu Ram Yadav	J.m.	and and
27	Dr. Dinesh Goyal	77	011
28	Dr. Ajay Khunteta	mag	1900
29	Dr. Linesh Raja	<u>Icert</u>	1000000
30	Dr. Vijander Singh	Vagancer	Vioganaec
31	Mr. Sandeep Bhargava	ma	0-mm
32	Ms. Poonam Rajharia	formas	1001
33	Dr. Mukesh Arora	purker	Princes
34	Ms. Pooja Choudhary	10010	100pa
35	Ms. Manju Choudhary	Mart	Many
36	Mr. Ankit Agrawal	MILL	TMR45
37	Mr. Ajay Kumar Dhanopia	Uloton D	U107019 D
38 1	Dr. C. M. Choudhary	upny	thous
39	Mr. Mahender Kumar Beniwal	13 1	R I
10	Mr. Sunil Dhankhar	D.	2

	Swami Keshyanand Institute	of Technology, Management &	& Gramothan, Jaipur			
	Swahn Kesnyanand Institute	AICTE Sponsored	25.7.2			
يې .		De Lamont Brogram on	S AKCTE			
The second	Faculty	Development Program on	2 0 5			
1	"Internet of Things: Education Canvas"					
, 76.5		ATTENDANCE SHEET	Date: 19.11.19			
SN	Name of Participant	Morning	Afternoon			
41	Ms. Anjana Sangwan	<u>C</u>	(AS			
42	Mrs. Priyanka	(P)	<u>e</u>			
43	Dr. Pankaj Dadheech	RI				
44	Dr. S. R. Dogiwal	(Born-				
45	Mr. Ankit Kumar	and the second s	Kailash			
46	Mr. Kailash Soni	Kailaen,	Clarker 1001			
47	Mr. Naveen Jain	Vaneendans	Vaneer			
48	Mr. Vipin Jain	Vypm				
49	Ms. Neha Mathur	(NED)	THE			
50	Mr. Harpreet Singh Gill	TRUE	Al			
51	Ms. Rubal Deep Gill	CABIT	- Court			
52	Ms. Anjali Pandey	sty	0. mil			
53	Ms. Dolly Mittal	Crof	Cr of			
54	Ms. Nikhar Bhatnagar		(AN			
55	Ms. Palika Jajoo	Jenny 1	R			
56	Ms. Priyanka Sharma		84.04			
57	Ms. Shalini Singhal	- Note	and a			
_58	Dr. Sunita Gupta	mal	hud			
59	Ms. Nidhi Srivastava	Autula	. he lills			
60	Ms. Anshika Malsaria	withits	Hilling			
61	Mr. Neeraj Garg		at the			
62	Mr. Kanak Giri	Imm	lantes			
63	Mr. Yogendra Gupta	THE-				
64	Mr. Sushant Kumar	Rit	Rin.			
65	Ms. Richa Rawal	Set	34			
66	Ms. Sanju Choudhary	Ten	Ine			
67	Ms. Poonam Varshney	Haa	Aller			
68	Dr. Niketa Sharma					
69	Ms. Ruchika Khandelwai		5			
70	Ms. Kajal Mathur	n Jehn	Nehy			
71	Dr. Neha Janu	50	62			
12		(Pmain	(main_			
7	Mc Rooia Jain	(P)				
14		Kalm	atim			
	Mr. Vijeta Khicha	Q	Cled P			
7	7 Mr. Mehul Mahrishi		(P)			
-	Mr. Gajanand Sharma	A GRE	G			
/	8 IVII. Gajananu Sharma		Log			

BET MJ Prof. (Dr.) Anil Chauddary Course Coordinator (FDP)

	Swami Keshyanand Institut	of Tochnology Management	& Gramothan, Jaipur
	same.	AICTE Sponsored	Criss.
×	H'dhah	AICTE Sponsored	ANCTE 2
1	Faculty	/ Development Program o	"
~	"Internet	of Things: Education Can	vas" 😪 🖉 🦨
: net	Og Nov	embor 20 November, 201	9
	05 1100	ember-20 November, 201	Date: 20.11.19
		ATTENDANCE SHEET	
SN	Name of Participant		Afternoon
1	Mr. Manish P. Bhelande	Morning	HIS-
2	Ms. Bhargavi B. Dalal	1 de	Bhargau
3	Ms. Chhava Narvekar	Dhargo	1. And
4	Dr. Vikas J. Dongre	COLOR -	CHART
5	Ms. Sushama Khanvilkar	abstract -	gomate w
6	Dr. Sukhwinder Sharma	han	provent provent
7	Prof. Ajit S. Patil	AL TO	The of
8	Mr. Tanaji Bhauso Patil	(antominin)	(alrenningen
9	Mr. Vadali Srinivas	Vinis	1 Mat
10	Mr. Deepak Aggarwal	STL	-212-
11	Dr. Raj Kumar Goel	Aller 1	Ater
12	Dr. Rajesh Eswarawaka	3.00	- D.C.
13	Mr. Vijaykumar Selvam	- s li aj	- difer
14	Mr. Narendrasinh B. Gohil	MAS -	118
15	Mr. K. Venkatagurunatha Naidu	Aug	(Vers)
16	Dr. S. Rajasoundaran	A V	
17	Mr. P. Raghavan	O line	
18	Dr. Pooja Sapra	140	- Me
19	Dr. Manju Khari	hip 1	WEA
20	Mr. Kshatriya Krishnakumar V.	Got (knishne	Get luncha -
21	Mr. K. Vijaya Kumar	Lujoz-K.	Ky y y
22	Dr. Garima Srivastava	ar	as.
23	Mrs. G. Mangaiyarkarasi	Li. Morph	4. Muffi
24	Dr. Avinash Sharma	di	16 de
25	Mr. Krishan Kumar Prajapat		Fin
26	Mr. Kalu Ram Yadav	Tih	137
27	Dr. Dinesh Goyal		Gyz
28	Dr. Ajay Khunteta	19000	Ban
29	Dr. Linesh Raja	- llej	Le la
30	Dr. Vijander Singh	Visganse	Nogancer
31	Mr. Sandeep Bhargava	Poom	Sant
32	Ms. Poonam Rajharia	Adartees -	Adapted
33	Dr. Mukesh Arora	Poola	Porta
34	Ms. Pooja Choudhary	Mary	Mark
35	Ms. Manju Choudhary	Anicil	Achi
36	Mr. Ankit Agrawal	Idan -	Million ,
37	Mr. Ajay Kumar Dhanopia	the croht	19219
38	Dr. C. M. Choudhary	15-1	ha word
39	Mr. Mahender Kumar Beniwal	ne	18 th
40	Mr. Sunil Dhankhar	1 12-	82
			\mathcal{L}

.

.

	Swami Keshyanand Institute	of Technology, Management	& Gramothan, Jaipur
		AICTE Sponsored	estille
J.	Add the Encultu	Development Program (ANCHE
1 day	Faculty	Development Hogram	······································
	"Internet	of Things: Education Can	IVas" 20.11.19
		ATTENDANCE SHEET	Date: 20.11.19
SNI	Name of Participant		1400000
214	Name of Participant	Morning	Atternoon
41	Ms. Anjana Sangwan	1 CPS	Min
42	Mrs. Priyanka	lugeneer	pulyener
43	Dr. Pankaj Dadheech	B	
44	Dr. S. R. Dogiwal	Din	
45	Mr. Ankit Kumar		Faitash
46	Mr. Kailash Soni	Farlan	A MILAPPIA
47	Mr. Naveen Jain	Vaneen	J.om_
48	Mr. Vipin Jain	Npm	(APIN 3
49	Ms. Neha Mathur	NCAP	913
50	Mr. Harpreet Singh Gill	- O I	ALL -
51	Ms. Rubal Deep Gill	() I I I	dy
52	Ms. Anjali Pandey		Re- I
53	Ms. Dolly Mittal	F.M. Sto	(Sag
54	Ms. Nikhar Bhatnagar	Q III	Robite 7
55	Ms. Palika Jajoo	1 etter	G-
56	Ms. Priyanka Sharma	Q R official and the second se	and 2
57	Ms. Shalini Singhal	- Dute	15/
58	Dr. Sunita Gupta	high	and a
59	Ms. Nidhi Srivastava	1. Juli	100 July
60	Ms. Anshika Malsaria	Allass	- Courters
61	Mr. Neeraj Garg	TO I	
62	Mr. Kanak Giri	Aul	P.K.
63	Mr. Yogendra Gupta	- Or-	the second second
64	Mr. Sushant Kumar	Riff	Ev.
65	Ms. Richa Rawai	·SI	Sel
60	Mr. Roonam Varshney	Junt	Iner
67	Dr. Niketa Sharma	Ham	ARam
60	Mc Ruchika Khandelwal		N
70	Ms. Kajal Mathur	40	4
70	Dr. Neba Janu	Nelnu	Nehin
77	Ms. Sushila Bishnoi	50	575
73	Dr. Praveen Kumar Jain	Panain	E Penain_
74	Ms. Pooja Jain	(Hand)	(P) (I)
75	Ms. Kavita Jain	Athi	dolo
76	Ms. Vijeta Khicha	Rel 1	421
77	Mr. Mehul Mahrishi	- CAL	CH
78	Mr. Gajanand Sharma	(578)	Ge
		- Using	Cog

But Month Prof. (Dr.) Anil Chaudiary Course Coordinator (FDP)

ATTENDANCE SHEET (Option System) Date: 16.11.1						
No.	Exam-ID	Elect Name	ATTENDANCE SI	HEET (Online Exam)	Mobile No	Signature
1	9619157991	Pirst Name	Last Name	Email	0619157881	MB
2	9819501057	IVIT. Manish	P. Bhelande	manish.bhelande@sakec.ac.in	0810501957	A
3	9097191362	IVIS.Bhargavi	B.Dalal	bhargavi.dalal@sakec.ac.m		in.
1	0097181363	Ms. Chhaya	Narvekar	chhaya n@xavierengg.com	80971 11 11	SID
	9370668979	Dr Vikas	1. Dongre	dongrev(1@gmail.com	9370603975	arriver
5	9930071534	Ms. Sushama	Khanvilkar	sushama.k@xavierengg.com	9930071534	how
6	9914303090	Dr. Sukhwinder	Sharma	sukhwinder.sharma@bbsbec.ac in	9914303090	ATT.
7	9404990967	Prof Ajit	S. Patil	ajitspatil@gmail.com	9404990967	-10-
8	9422811585	Mr. Tanaji	Bhauso Patil	patiltanaji@gmail.com	9422811585	unit
9	9296956735	Mr.Vadali	Srinivas	cnu.vadali@kietgroup.com	9296956735	- A-V
10	9855525215	Mr.Deepak	Aggarwal	deenak aggarwal@bbsbec.ac.in	9855525215	21
11	7011788700	Dr Bai	Kumar Goel	rai9921@vaboo.com	7011788700	Alle
12	9553202023	Dr. Eaioch	Roddy Eswarawaka	rajosterument@rmail.com	9553202023	guist C
13	9994200155	DI.Najesh	Keduy Eswarawaka	rajesnelminent@gman.com	9894209455	e.vij
15	2894209455	Wit, VijayKumar	Selvam	indianid@gmail.com	9974617967	me
14	4474617967	Mr Narendrasinh	B. Gohil	nbgohil1@gmail.com	9030264588	aug
15	9030264588	Mr.K.	Venkalagurunatha	venkatspmvv@gmail.com	0035678818	and
16	9025678818	Dr.Mr.S.	Rajasoundaran	rajasoundaransraja@gmail.com	9023676818	1 avit
17	9994524770	Mr.P.	Raghavan	raghavan@psr.edu.in	9994524770	0.1
18	9582888389	Dr.Pooja	Sapra	dr.poojasapra@gmail.com	9582888389	me
19	9899296110	Dr.Manju	Khari	manjukhari@aiactr.ac.in	9899296110	ant
20	9725933996	Mr.Kshatriya	Krishnakumar V.	hod.electrical@amirajcollege.in	9725933996	having
21	8012897091	Mr.K.	Vijaya Kumar	kvijayakumar@pec.edu	8012897091	1-1-T
22	8300916945	Dr Garima	Srivastava	garima.sbriva.tav@gmail.com	8800916945	a.
23	9952286644	G	Mangaiyarkarasi	mangaimca2006@amail.com	9952286644	pur
24	8529286980	Di Avinash	Sharma	asharma@mmumullana.org	8529286980	An
24	6/14202524	McKrishan	Kumar Praianat	kkorajanat (2)gmail.com	9414292624	tim
20	0414292624	Ma Kalu	Romar Frajapat	kr vad wit fared fforail com	9414624536	tion
20	9414624536	WIR.Kalu	Caual Caual	dinash8da@ampil.com	9887678379	(5yz
21	9887678379	Dr.Dinesh	боуаг	omesnadgægman.com	9828596101	Agaz
28	9828596101	Dr.Ajay	Khunteta	ajay_khunteta@rediffmail.com	9460439419	10.
29	9460439419	Dr.Linesh	Raja	lineshraja@gmaii.com	0414450325	Viamite
30	9414459235	Dr.Vijander	Singh	vijan2005@gmail.com	9414459255	A de es
31	9829630099	Dr. Mukesh	Arora	mukesharora@skit ac.in	9829630099	CLIN
32	9414305959	Dr.C.	M. Choudhary	choudharychotomal@gmail.com	9414305959	P. un
33	969409634	M: Mahender	Kumar Beniwal	mbeniwal@gmail.com	8739990083	1-5-1
34	8739990083	Mr.Sunii	Dhankhar	s2mdhankhar@gmail.com	8739990083	PT-
35	9413939111	Ms.Anjana	Sangwan	sangwan.anjana@gmail.com	9413939111	China -
36	7014475008	Ms.Priyanka	P	trikhapriyanka@gmail.com	7014475008	Forgan
37	9887708972	Dr Pankai	Dadheech	pankaj@skit.ac.in ·	9887708973	(F=
37	00202220060	Dr.S	R. Dogiwal	dogiwal@gmail.com	9829239060	Gin
38	9029239060	Mr. Apkit	Kumar	jijita.ankit@gmail.com	9057836398	think.
39	9057836398	IVIT.Arikit	Soni	kailash100ni.er@gmail.com	9460066186	Kailey
40	9460066186	IVIr.Kailash	Julia	naveen@:ki! ac in	9928795887	Nance
41	9928795887	Mr.Naveen	Jain	Line@itit ar	7665018975	NUDY
42	7665028925	Mr.Vipin	Jain	Vipritio settar in	3260553722	and -
43	9460553722	Ms.Neha	Mathur	nnach wignas com	9462694625	022
24	9462694625	Mr.Harpreet	Singh Gill	narpreet@sidt.ac.in	0007441103	RET
45	9887441103	Ms.Rubal	Deep Gill	rubal@skit.3c in	9387441103	
46	9414330982	Ms.Anjalı	Pandey	njl27pandey@gmail.com	9414330982	gt-
47	9829408543	Ms.Dolly	Mittal	dolly5987@gmail.com	9829408543	Y.C.Y
48	8875027276	Ms.Nikhar	Bhatnagar	nikharbhatnagar@gmail.com	8875027276	-
40	9414499507	Ms.Palika	Jajoo	palikajajon@gmail.com	9414499507	Bury
49	0000606010	Ms Puyanka	Sharma	priyanka08291@gmail.com	8890606912	8
50	0052022520	Mr. Shahoi	Singhal	singhalshalin 520@gmail.com	8952979529	Show
51	8952979529	De Cunto 1	Gunta	disunitagopta2016@gmail.com	9828510686	hits
52	9828510685	Lif.Sunid	Srivastava	aidhi03 srivasta /@email.com	9079925707	way
53	9079925707	Mis.Nichi	Malcaria	anshika1987@cmail.com	9828128665	X. CI
54	9828128665	Mis.Anshika	Cara	ne?3neerai eare@gmail.com	7665523458	unn
55	7665523458	Mr.Neeraj	Garg	kanakgiri99@ unail.com	9413403303	T
56	9413402383	Mr.Kanak	Giri	Kanakginaa (@21141).com	9413402383	I TANK
57	9468739571	Mr.Yogendra	Gupta	yogen.571@gmail.com	9468/39571	all'in
58	7229935038	Mr.Sushant	Kumar	skybvi@gmail.com	7229935038	8
59	9413030805	Ms.Richa	Rawal	hicharavali 3@gmail.com	9413080805	FILL
60	9983918945	Ms Sanju	Choudhary	-pinda sargera, madicent	9983918945	29
51	9413238729	Ms.Poonam	Varshney	varshney poor un@en.ait.com	9-113238729	Nor
62	7014128907	Dr.Niketa	Sharma	niketa.อริสุสิริสามมี com	7014128907	Millerg
63	9328124477	Ms Ruchika	Khandelwal	ruchikakhande eral77;@gmail.com	9828124477	hi
64	9461400923	Ms Kajal	Mathur	kaju mathu a musi com	9461400932	
64	0411439007	Dr Neba	laou	nebal 2 Sam un read une	141443500	1010
65	9414438907	Ma Cushila	Richaol	thickness ush 64 min 1	9414438907	Net
	11171/10555	uvis Susnila	1915/11/01	1215101223 4511022 222 3011	IN TIAA CELE	

17. Attendance Sheet of ONLINE EXAM :-

			ATTENDANCE S	HEET (Online Exam)		Date: 16.11.1
S.No.	Exam-ID	First Name	Last Name	Email	Mobile No	Signature
68	6378709334	Ms.Poonam	Rajharia	poonam.rajharia@vgu.ac.in	6378709334	Com=
69	8875140140	Ms.Pooja	Choudhary	poojachoudhary87@gmail.com	8875140140	Ena
70	8118864109	Mr.Sandeep	Bhargava	eng.san.83.sandy@gmail.com	8118864109	Sort
71	9694724109	Ms.Maniu	Choudhary	manjuchoudhary_mec@yahoo.co.in	9694724109	Manga
72	7877556914	Mr.Ankit	Agrawal	ankitsagarwal@gmail.com	7877556914	ANKIL
73	9928652224	Dr.Praveen	Kumar Jain	praveenjain.spsl@gmail.com	9928652224	(PM)
74	9785050506	Ms.Pooia	Jain	poojajain624@gmail.com	9785050506	220
75	9461011668	Ms.Kavita	Jain	kjkavitajain.21@gmail.com	9461011668	apt
76	9509309701	Ms Viieta	Khicha	vijetakhicha@skit.ac.in	9509309701	ad
77	7597924279	Mr Mehul	Mahrishi	mehul.aqua@gmail.com	7597924279	Cert
70	0007566000	McGaiapand	Sharma	gajanan sharma@gmail.com	9887566000	GA

Set My Prof. (Dr.) Anil Chandhary Course Coordinator (FDP)

18. Result of FDP online test

SKIT					
Resultof FDP IoT	Quiz-2019				
Department Name	: Information Technology	OnlineTest			
Paper Name: FDP	IoT Quiz-2019	Total Marks=48	Date:		
Faculty Id	Faculty Name	MarksObtained	Remarks		
9619157881	Mr. Manish P. Bhelande	34	ОК		
9819501957	Ms.BhargaviB.Dalal	32	ОК		
8097181363	Ms. ChhayaNarvekar	29	ОК		
9370668979	Dr. Vikas J. Dongre	35	ОК		
9930071534	Ms. SushamaKhanvilkar	33	ОК		
9914303090	Dr. Sukhwinder Sharma	31	ОК		
9404990967	Prof. Ajit S. Patil	35	ОК		
9422811585	Mr. TanajiBhausoPatil	37	ОК		
9296956735	Mr.VadaliSrinivas	32	ОК		
9855525215	Mr.Deepak Aggarwal	34	ОК		
7011788700	Dr.Raj Kumar Goel	34	ОК		
9553202023	Dr.Rajesh Reddy Eswarawaka	31	ОК		
9894209455	Mr.VijaykumarSelvam	31	ОК		
9974617967	Mr.Narendrasinh B. Gohil	29	ОК		
9030264588	Mr.K. Venkatagurunatha Naidu	39	ОК		
9025678818	Dr.Mr.S. Rajasoundaran	28	ОК		
9994524770	Mr.P. Raghavan	32	ОК		
9582888389	Dr.PoojaSapra	39	ОК		
9899296110	Dr.Manju Khari	22	ОК		
9725933996	Mr.Kshatriya Krishnakumar V.	43	ОК		
8012897091	Mr.K. Vijaya Kumar	30	ОК		
8800916945	Dr.Garima Srivastava	27	ОК		
9952286644	G. Mangaiyarkarasi	31	ОК		
8529286980	Dr.Avinash Sharma	21	ОК		

9414292624	Mr.Krishan Kumar Prajapat	29	ОК
9414624536	Mr.Kalu Ram Yadav	33	ОК
9887678379	Dr.DineshGoyal	41	ОК
9828596101	Dr.Ajay Khunteta	35	ОК
9460439419	Dr.Linesh Raja	37	ОК
9414459235	Dr.Vijander Singh	35	ОК
9829630099	Dr.Mukesh Arora	37	ОК
9414305959	Dr.C. M. Choudhary	35	ОК
969409634	Mr.MahenderKumar Beniwal	36	ОК
8739990083	Mr.Sunil Dhankhar	35	ОК
9413939111	Ms.AnjanaSangwan	42	ОК
7014475008	Ms.Priyanka P	41	ОК
9887708973	Dr.Pankaj Dadheech	39	ОК
9829239060	Dr.S. R. Dogiwal	40	OK
9057836398	Mr.Ankit Kumar	42	ОК
9460066186	Mr.KailashSoni	41	ОК
9928795887	Mr.Naveen Jain	39	ОК
7665028925	Mr.Vipin Jain	39	OK
9460553722	Ms.NehaMathur	40	OK
9462694625	Mr.Harpreet Singh Gill	45	OK
9887441103	Ms.Rubal Deep Gill	45	OK
9414330982	Ms.Anjali Pandey	42	OK
9829408543	Ms.Dolly Mittal	38	OK
8875027276	Ms.NikharBhatnagar	41	OK
9414499507	Ms.PalikaJajoo	37	ОК
8890606912	Ms.Priyanka Sharma	42	OK
8952979529	Ms.ShaliniSinghal	38	ОК
9828510686	Dr.Sunita Gupta	30	OK
9079925707	Ms.Nidhi Srivastava	32	OK
9828128665	Ms.AnshikaMalsaria	39	ОК
7665523458	Mr.NeerajGarg	36	OK

Г			
9413402383	Mr.KanakGiri	37	OK
9468739571	Mr.Yogendra Gupta	37	OK
7229935038	Mr.Sushant Kumar	35	OK
9413080805	Ms.RichaRawal	36	OK
9983918945	Ms.SanjuChoudhary	35	OK
9413238729	Ms.PoonamVarshney	38	OK
7014128907	Dr.Niketa Sharma	33	OK
9828124477	Ms.RuchikaKhandelwal	35	OK
9461400822	Ms.KajalMathur	30	OK
9414438907	Dr.NehaJanu	41	OK
9214419555	Ms.SushilaBishnoi	42	OK
9928909235	Mr.Ajay Kumar Dhanopia	25	OK
6378709334	Ms.PoonamRajharia	34	OK
8875140140	Ms.PoojaChoudhary	40	OK
8118864109	Mr.Sandeep Bhargava	39	OK
9694724109	Ms.ManjuChoudhary	40	OK
7877556914	Mr.Ankit Agrawal	37	OK
9928652224	Dr.Praveen Kumar Jain	35	OK
9785050506	Ms.Pooja Jain	34	OK
9461011668	Ms.Kavita Jain	38	OK
9509309701	Ms.VijetaKhicha	37	ОК
7597924279	Mr.MehulMahrishi	43	ОК
9887566000	Mr.Gajanand Sharma	31	OK
Total No of Faculties	s: 78		
Total Absent Faculti	es: NIL	Course Coordinator: Prof Anil Chaudhary	
Total Present Faculti	es: 78		

18. News/Media:-



First India 16-11-19

'इंटरनेट ऑफथिंग्सः एजुकेशन कनवास' का हुआ



ऑटोमाइजेशन में कैसे काम लें, इसमें अपने विशेषज्ञ विचार प्रस्तुत किए। 18 से 70-80 तकनीकी शिक्षकों ने शिरकत की। पीयूष महर्षि ने इसी को आगे डिटेल में 19 नवम्बर तक डा सोमाबाबू गुनिथी ने आईओटी के फील्ड में आने वाले चैलेंज एवं उनके पॉसिबल सोल्युशन के बारे में विद्यार्थियों को अवगत कराया। प्रमोद गौर ने 20 नवम्बर को क्रिप्टोग्राफी एवं ब्लॉकचैन के कॉन्सेप्ट के साथ इस शैक्षणिक कार्य की समाप्ति की।

घरेलु वस्तुओं के ऑटोमेशन कैसे करें, उसे इस प्रोग्राम में विभिन्न विद्यालयों से प्रयोग के साथ बताया। 14 नवम्बर को

15 से 16 नवम्बर तक डा. बसंत प्रोग्रामिंग के कॉन्सेप्ट एवं इंप्लीमेंटशन को अग्रवाल. डा. पुनम गेरा एवं दिवेश माथुर समझाया। 12 से 13 नवम्बर तक ईशान ने बिग डाटा कॉन्सेप्ट, मशीन लरनिंग फ्री वैद ने केस स्टडी के साथ बिग डाटा एवं टायर, डब्लयू एसए एव विजुअलाइजशन मशीन लर्निंग के डाटा की प्रोसेसिंग एवं एवं हार्डवेयर इंटरफेस करके इन्हे

जयपुर (का.सं.)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलोजी, मैनेजमेंट एवं ग्रामोत्थान, जयपुर में दो सप्ताह तक चले एआईसीटी द्वारा प्रायोजित फैकल्टी डेवलपमन्ट प्रोग्राम 'इंटरनेट ऑफ थिंग्स: एजुकेशन कनवास' का समापन बुधवार को हुआ। इससे पूर्व 9 नवम्बर को शुरू हुए कार्यक्रम का शुभारम्भ मुख्य अतिथि डॉ. आर ए गुप्ता (वीसीएआरटीयू) द्वारा किया गया था। डॉ. धीरेन्द्र माथर (टीक्यूआईटी कॉर्डिनेटर, आरटीयू) ने भी विचार प्रकट किए।

9 से 11 नवम्बर तक डा मनी मधुकर ने विशेषज्ञता के साथ बताया। डीप लर्निंग, बिग डाटा हैंडलिंग एवं आर

Thu, 21 November 2019 सीमा सन्देश

Two-week faculty development event organised at SKIT

HT Correspondent

"PUR: Swami Keshvanand Institute of Technology management and Gramothan (SKIT) organised a two-week AICTE sponsored faculty development programme on 'Internet of Things: Education Canvas' and two-day RTU-sponsored internal conference on 'Communication and Intelligent Systems', page 84

Intelligent Systems". RTU vice chancellor Prof RA Gupta was the guest of honour at the event. Sikkim National Institute of Technology director Prof MC Govil was the special guest; Prof J C Bansal from South Bast Asian University in Delbi; SKIT chairman Surjaram Meel, registrar Rachna Meel, director Jai pal Meel, head of IT.department Prof Anil Choudhary and head of computer science department Prof Mukesh Gupta were also present.

The RTU vice chancellor said hat the technical university is now emphasizing heavily on real work research and improvement on technical education. Prof Govil and Prof Bansal also presented their talk on the subject. Dr Mani Madhukar (program

manager, IBM) in his motivational talk indicated that India needs a lot of work to be done on IoT infrastructure and internet connectivity on agricultural land. He said that 5G services will provide big opportunity to ail startups and others in the field of IoT to speed up their work in various applications.

53

Hindustan Times 15-11-19

19. Glimpses of FDP:-



Department of Information Technology (NBA Accredited) Swami Keshvanand Institute of Technology, Management & Gramothan Ramnagaria, Jagatpura, Jaipur-302017

20. Feedback of Participants:-

ANCTE -	AICTE Sponsored Faculty Development Programme
	"INTERNET OF THINGS: EDUCATION CANVAS" 09 th to 20 th November, 2019 Organized by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
	Kindly provide us your valuable feedback about the course (10 is the highest grade).
	1. Your experience about the course.
	2. Knowledge enhancement.
	1 2 3 4 5 6 7 8 9 10
	3. Relevancy of topics.
	1 2 3 4 5 6 7 8 4 10
	4 About speakers.
	5 General Arrangement
	1 2 3 4 5 6 7 8 9 (1)
	6 Ened quality transportation facility and lodging
	In future you want to attend such course at this Institute (SK11) Yes No If NO then why Please mention your preferred location/Institute for such course
	8. Topic that can be covered in the next canference?
	 Scowledge gain by the course <u>it</u> was very useful. Get handron knowledge of <u>different</u> schertes of controlles 4 its programming <u>in</u> Overall experience of the course. <u>it</u> was excellent.
	1. Suggestions Daily leb wort for handon experience.

AUTE AUTE	Feedback Form (FDP-19) Image: Comparison of the component Programme AICTE Sponsored Feculty Development Programme Image: Comparison of the component Programme
	"INTERNET OF THINGS: EDUCATION CANVAS" 09 th to 20 th November, 2019 Organized by Simoni Keybyan and Institute of Technology, Management & Gramo and Jainur
K	indiversion in the second of the
	1. Your exercising about the course
	1 2 3 4 5 6 7 8 9 10
	2. Constanting subservations
	1 2 3 5 6 7 8 5 10
	1. Polosmon attacion
	1 2 3 4 5 6 7 8 J 0
	1 2 3 4 5 6 7 8 4 $\sqrt{1}$
	5. Geteral Arrangement.
	6. Food quality, transportation facility and lodging. 1 - 2 - 5 - 4 - 5 - 1 - 6 - 7 - 8 - 9 - 5 + 0 - 7
	In future you want to attend such course at this Institute (SK(T)
	If NO then why
	Please mention your preferred location/Institute for such course $SI \leq T$
	8. Topic this can be covered in the next conference: Blanck up and the Data States for
	9. xnowledge gain by the course:
	107 4 Actumby Asperk on courses
	10. Overall experience of the course.
	6 wed
	11 Successions
	Abranjement had been good
	Note: Name & Signature of the participant is not required.

	Feedback Form (FDP-19)
AUGTS	AICTE Sponsored Faculty Development Programme
1. C.	on
	"INTERNET OF THINGS: EDUCATION CANVAS"
	09 th to 20 th November, 2019
	Organized by Super Kosharand Institute of Technology Management & Graphothan Japan
	Swant Keshvanand histicale of recarbology, Maaregenerit & Cramon car service
	Kindly provide as your valuable feedback about the course (10 is the highest grade).
	1. Your experience about the course
	1 2 3 4 5 6 7 8 9 14
	2. Knowledge anhancement
	1 2 3 1 5 6 7 8 5 19
	3. Delegency of tenies
	1 2 3 4 5 6 7 8 9 W
	4. About speakers.
	5. Genera Arrangement.
	6 Food quality transportation facility and lodging.
	7. In future you want to attend such course at this Institute (SK/T)
	If NO then why
	Please mention your preferred location/Institute for such course
	8. Topic that can be covered in the next conference?
	Any topic which covers electronics hards on
	9. Knowledge gain by the charse. TRAM Dation AWS. Aruse, eNodemen. Noders. etc
2.18	<u>d</u>
	10. Overall experience of the course.
	C-NC.E.NORM
	11. Suggestions
	Note: Name & Signature of the participant is not required.

Care La	Feedback Form (FDP-19)
AMOINS C	AICTE Sponsored Laculty Development Programme
1.1.1.5	on
	"INTERNET OF THINGS: EDUCATION CANVAS"
	09 th to 20 th November, 2019
	Organized by
	Swaller Kestivanand Institute of Technology, Management & Oramothan, Jappa
Ki	indly provide us your valuable feedback about the course (10 is the highest grade).
	Vour experience about the course
•	2. Knowledge enhancement.
	3. Relevancy of topics.
	1 2 3 4 5 6 7 8 9 10
	4. About speakers
	 Conserved American state
	1 2 3 4 5 6 7 8 9 Y
	6. Food quality, transportation facility and lodging
	7. In future you want to attend such course at this Institute (SK11)
	Yes No
	If NO then why
	 Point first can be serviced in the next conformed?
	Application of IOT and Research oriented challenges
	9. Knowledge gain by the crypte.
	Cond comparing and 101
	10 Overall experience of the course
	Nice organization, structure of course and well
	managed by the facultist and organizer
	H. Suggestions Keep iet up
	Note: Name & Signature of the participant is not required.

1987	Feedback Form (FDP-19)
- Alers	AICTE Sponsored Faculty Development Programme
allers.	OR "INTERNET OF THISUS, FOR CATION CANNAS"
	09 th to 20 th November, 2019
	Organized by
_	Swami Keshvenand Institute of Technology, Management & Gramothan, Jaipur
1	Kindly provide us your valuable feedback about the course (10 is the highest grade).
	1. Your experience about the course,
	1 2 3 4 5 6 7 8 10
•	3. Knowledga onhabcoment.
	2 3 4 5 6 7 8 10
	3. Relevancy of topics.
2	4. Abort speakers.
	1 2 5 4 5 0
	5. General Arrangement.
	6. Fixed quality, transportation facility and lodging.
	7. In future you want to acteric such course at this institute (SKTT)
	Ye No
	If NO then why Please mention your preferred location/Institute for such course
	8. Topic that can be covered in the next conference?
	veb of things, Internat of uchicals and more challen
	DOT & cloud competing
	10. Overall experience of the cause. faculties & state, and and very contrative and
±1	Relpfull and FDP was organized so well
	II. Suggestions
	Feet in set
	Note: Name & Signature of the participant is not required.
9	Gaving Spivantavg
	(1)
	Ule